CG161
LAWN TRACTOR

LIST OF PARTS

GB

TEXTRON PARTS XPRESS
TURF CARE AND SPECIALTY PRODUCTS

RANSOMES

Ransomes Way, Ipswich, England, IP3 9QG

Publication No. 24076G (rev.0) (RSJ 001 071997)

TEXTRON
TURF CARE AND SPECIALTY PRODUCTS

GB

INTRODUCTION

ITEM NUMBER

Each part which is identified in the illustrations has an item number. Parts which do not have an item number may not be readily identified in the illustration but are usually closely associated with the immediately adjacent part.

ASSEMBLIES

A complete assembly, e.g. a wheel motor or hydraulic motor or roll assembly, is listed as a complete item with subsequent individual components listed separately.
The assembly is listed under it's part number with component parts being listed offset to the right, e.g:-

ITEM	RANSOMES PART NO.	DESCRIPTION	QTY
1	LMSD798	Roll Assy.	1
2	MBB4490	• Tube	1
3	LMSD926	• End Cap Assy.	2
4	MBB6851	•• End Cap	1
5	H009116	•• Bearing	1
6	MBB2356	•• Seal Housing	1
7	A224016	•• Seal	2
*	A122192	Screw	2

It may not be possible to illustrate every item. With certain items purchased from outside suppliers some component parts may not be available from Ransomes and may need to be specially ordered from the supplier e.g. Volvo hydraulic motor components.

QUANTITIES

Quantities shown are for one assembly or sub-assembly.

USING THE PARTS LIST

Determine the function and application of the part required. Turn to the main index page and select the appropriate section. Locate the part on the illustration and parts list and read off the quantity from the appropriate MODEL column.

NUMERICAL INDEX

This is a summary of all part numbers used in the manual arranged in numerical sequence and showing the page and item number under which the parts appear.

ORDERING OF SPARE PARTS

When ordering replacement parts, it is most important to quote the SERIAL NUMBER of the machine, PART NUMBER, DESCRIPTION and QUANTITY required.

SPECIFICATIONS

ENGINE

Type	Shibaura E673
Horsepower (SAE J1349)	16(11.9kw)
Number of Cylinders	3
Bore	2.64 in.(6.7cm)
Stroke	2.52 in.(6.4cm)
Displacement	41.3 cu. in. (676cc)
Compression Ratio	23.5 to 1
Firing Order	1-2-3
Low Idle Speed	1400-1500 rpm
Maximum Speed:	
High Idle	3350-3450 rpm
Rated	3200 rpm
Valve Clearance (Cold Engine):	
Intake	0.008 in. (.2Omm)
Exhaust	0.008 in. (.2Omm)

CAPACITIES

Fuel lank	4.2 U.S. Gals. 3.5 Imp. Gals. 16 Litres
Rear Axle and Transmission (Includes Hydraulics and Power Steering)	10.1 U.S. Qts. 8.5 Imp. Qts. 9.6 Litres
Engine Crankcase:	
Less Filter	2.6 U.S. Qts. 2.2 Imp. Qts. 2.5 Litres
With Filter	3.2 U.S. Qts. 2.6 Imp. Qts. 3.0 Litres
Cooling System	3.5 U.S. Qts. 2.9 Imp. Qts. 3.3 Litres

COOLING SYSTEM

Type	Pressurised Liquid with Recalculating Bypass
Water Pump:	
Type	Centrifugal
Drive	V-Belt
Water Pump Belt Deflection	7/16 to 9/16 (10/lSmm) when 20-25 lbs. (9/11kg) Thumb Force is Applied Midway Between Pulleys.
Fan Diameter	9.45 in. (24cm)
Thermostat:	
Start to Open	1 67~F (75~C)
Fully Open	194F (90C)
Radiator Cap	1 3 psi (.9bar)

ELECTRICAL SYSTEM

Alternator	12-volt, 14 amps
Regulator (Alternator)	Thyrister
Battery	12-volt, 332 amps at 0°F cold cranking Reserve Capacity 52 minutes
Starting Motor	Solenoid Engaged

FUEL SYSTEM

Type of Fuel to Use	Temperature	Type
Diesel	Above 20°F (-6.7°C)	No.2D Cetane Rating 40
	Below 20°F (-6.7°C)	No. 1 D Cetane Rating 40

Injection Pump:	
Type	In-Line
Timing	25°BTDC
Fuel Pump	electric

P.T.O CLUTCH

Type	Belt Drive

BRAKES

Type	Disc
Size	5.5 in. Diameter (14cm)

STEERING

Turn Lock to Lock	2.1 - 2.6
Steering Wheel Free-play	30mm - 40mm
Front Wheel Toe-In	0-13/64 in.(0-5cm)
Turning Radius at centre line of inside rear tire (Without Brake)	32 in (81 cm)

POWER TAKE-OFF

Type	Belt Drive
Pie Speed	2719 rpm
Horsepower PTO Observed	13

HYDRAULIC LIFT SYSTEM

Pump Type	Gear
Pump Capacity	3.0 Gpm (11.5 Litres pm)
System Relief Valve	@3200 rpm Setting 471 psi (3244 kpa)
Power Steering System Relief Valve Setting	889 psi (6123 kpa)

SPECIFICATIONS

TYRES

Front:
Standard (TURF) 16x6.50-8 G2 2PR
Rear:
Standard (TURF) 23x10.50-12 G2 2PR

LUBRICANTS

Engine Oil

Temperature Class	Viscosity Grade and API
Year Around	SAE 10w30, 10w40 SF/CD
Below 32°C (0°F)	SAE 10w SF/CD
32 to 50°F (0 - 10°C)	SAE 20w SF/CD
Above 50°F (10°C)	SAE 30w SF/CD

Transmission, Rear Axle;
Hydraulic System and Power
Steering System Oil Hyd. System Oil
ISO VG 46 - 56

Lubrication Fittings NLGI No.2

GENERAL DIMENSIONS

Length	74.4in.	(189cm)
Height		
Top of Seat	... 47.6in.	(121cm)
	Mm.	**Max.**
Width	37in. (94cm)	39in. (99cm)
Minimum Ground Clearance	6.3in.	(16cm)
Wheelbase	50in.	(127cm)
Tread Width		
Front	30.3in. (77 cm)	
Rear	26.2 - 28.1in. (66.5 - 71.3cm)	
Weight		
(Less Mower)	382 kg	

TORQUES

Front Wheel
Wheel Boss to Axle 19 - 25 lbs. ft.
(26 - 34 Nm)
Rear Wheel
Disc-to-Axle 33 - 41 lbs. ft.
(44 - 56 Nm)

TEST DATA

SOUND MEASUREMENTS

Sound Power	dB(A)	@	rpm
Sound Pressure	dB(A)	@	rpm

VIBRATION

Condition at engine speed 3200 rpm

At steering wheel	
On cutter deck - Operating	6.9m/s2
On cutter deck stopping	3.9m/s2
At operators step	
On cutter deck - Operating	16.6m/s2
On cutter deck stopping	13.7m/s2
At operators seat	
On cutter deck - Operating	0.7m/s2
On cutter deck stopping	0.3m/s2

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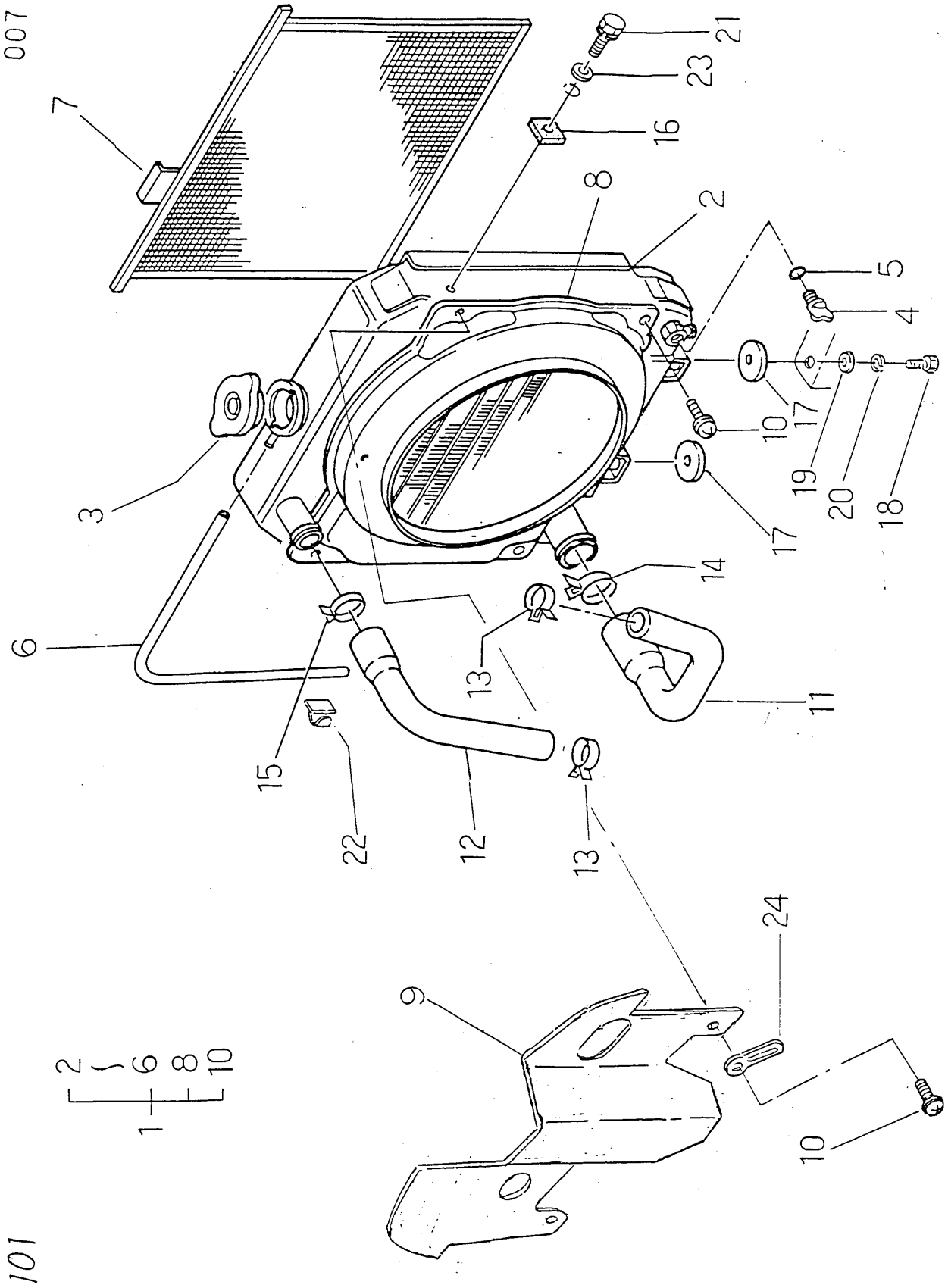
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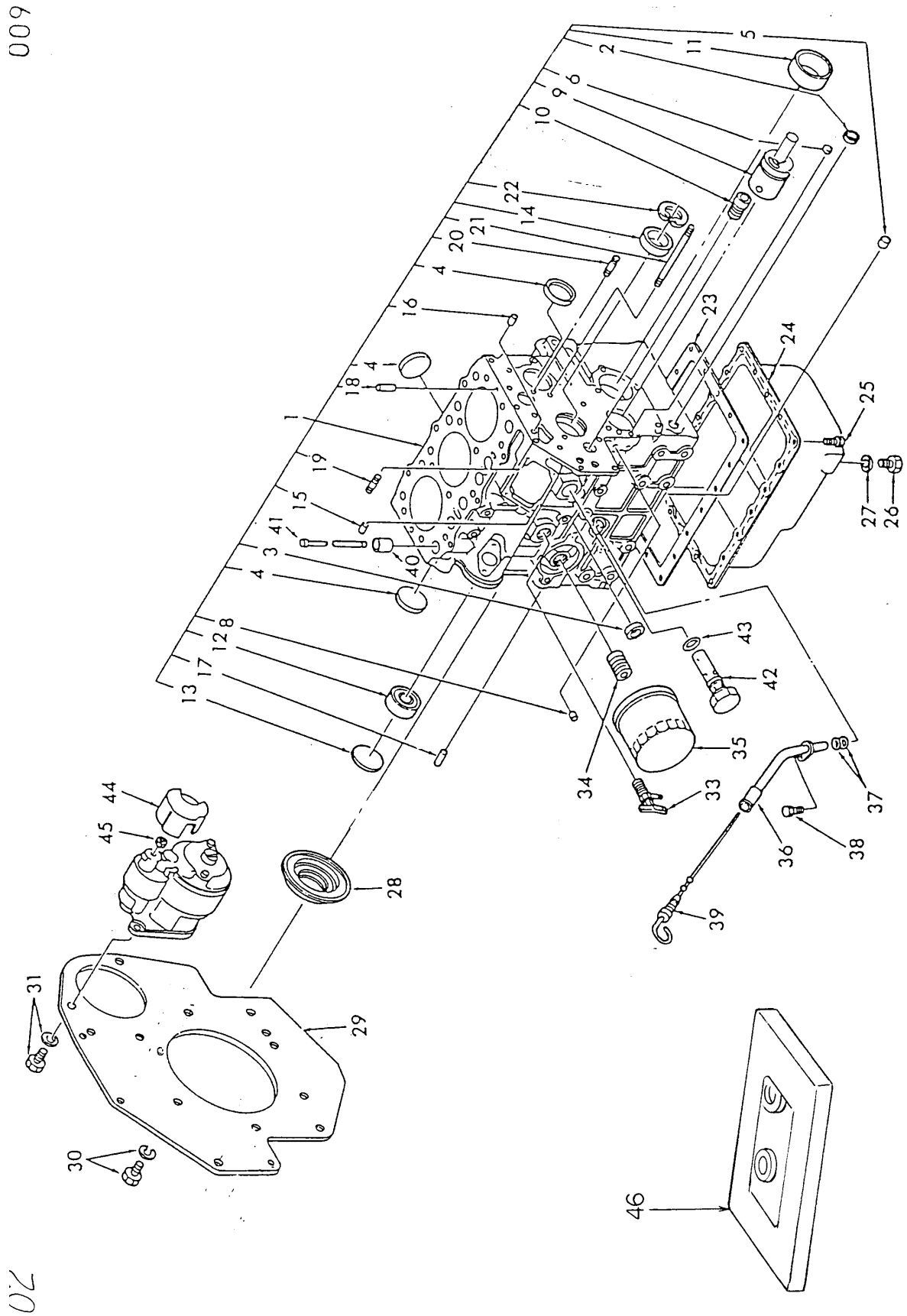
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S408100011	RADIATOR ASSY	1	
3	S145546060	CAP ASS'Y	1	
4	S408130010	COCK	1	
5	S052100070	O-RING	1	
6	S408120010	OVER FLOW PIPE	1	
7	S408140012	SCREEN	1	
8	S408350011	SHROUD	1	
9	S408400220	BUFFLE PLATE	1	
10	S011150610	BOLT	4	
11	S408160011	RADIATOR HOSE	1	
12	S408160020	RADIATOR HOSE	1	
13	S067100033	HOSE BAND	2	
14	S067100043	HOSE BAND	1	
15	S067100038	HOSE BAND	1	
16	S498110470	RUBBER	2	
17	S498110480	RUBBER	2	
18	S010401020	BOLT	2	
19	S026100010	WASHER	1	
20	S027100010	SPRING WASHER	1	
21	S011300620	BOLT	2	
22	S399110660	CLAMP	1	
23	S026100006	WASHER	2	
24	S399111960	CLAMP	4	

* Not Illustrated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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S110107511	CYLINDER BLOCK	1	
2	S064200015	SEALING CAP	1	
3	S064200018	SEALING CAP	2	
4	S064200035	SEALING CAP	4	
5	S198466030	BLANK PLUG	5	
6	S198466050	BLANK PLUG	1	
8	S198466010	BLANK PLUG	4	
9	S165296161	IDLEGEAR SHAFT	1	
10	S198517090	BUSHING	1	
11	S198517300	BUSHING;S.T.D.	1	
11	S198517304	BUSHING;U.S.0.25	1	
11	S198517307	BUSHING;U.S.0.5	1	
12	S040106203	BALL BEARING	1	
13	S064100045	EXPANSION PLUG	1	
14	S042303015	NEEDLE BEARING	1	
15	S030500512	DOWEL PIN	2	
16	S030500616	DOWEL PIN	2	
17	S030500820	DOWEL PIN	2	
18	S030309005	SPRING PIN	2	
19	S010109440	STUDBOLT	2	
20	S012100635	STUD BOLT	1	
21	S012100660	STUD BOLT	1	
22	S036509005	SNAP RING	1	
23	S110996760	GASKET	1	
24	S110707320	OIL PAN	1	
25	S010109235	BOLT	18	
26	S010401212	BOLT	1	
27	S025100012	SEAL WASHER	1	
28	S198636080	OIL SEAL	1	
29	S110367380	PLATE	1	
30	S011500816	BOLT	10	
31	S011601020	BOLT	2	
33	S198736052	COCK	1	
34	S140546020	JOINT, FILTER	1	
35	S140516190	OIL FILTER	1	
36	S110756070	GUIDE	1	
37	S052100100	O-RING	2	
38	S011300612	BOLT	1	
39	S198416270	GAUGE	1	
40	S120116100	TAPPET	6	
41	S120456240	ROD,PUSH	6	
42	S140036120	RELEAF VALVE	1	
43	S052109078	O-RING	1	
44	S185736240	COVER	1	
45	S020300008	NUT	1	
46	S195906800	GASKET KIT	1	

* Not Illustrated

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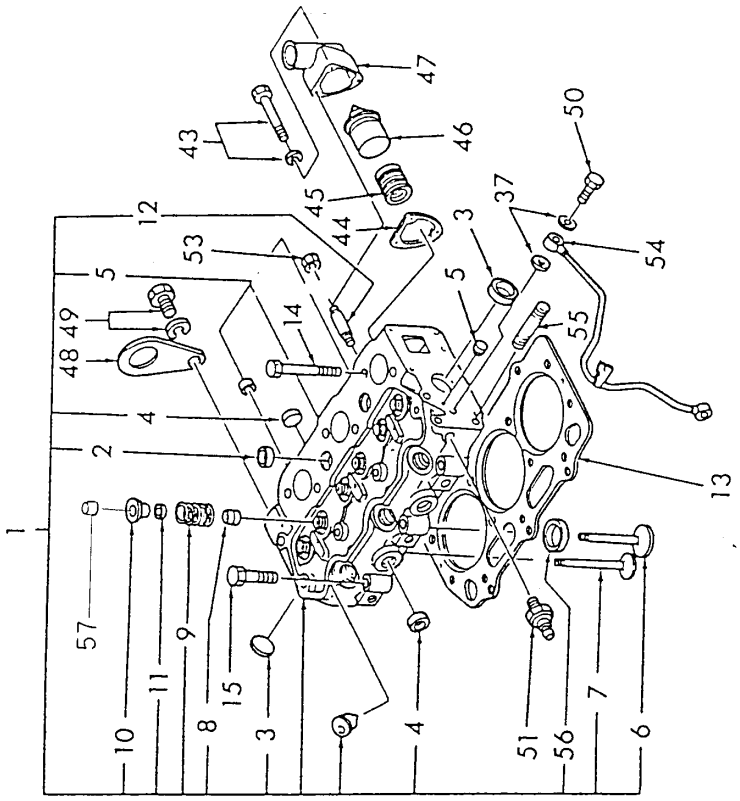
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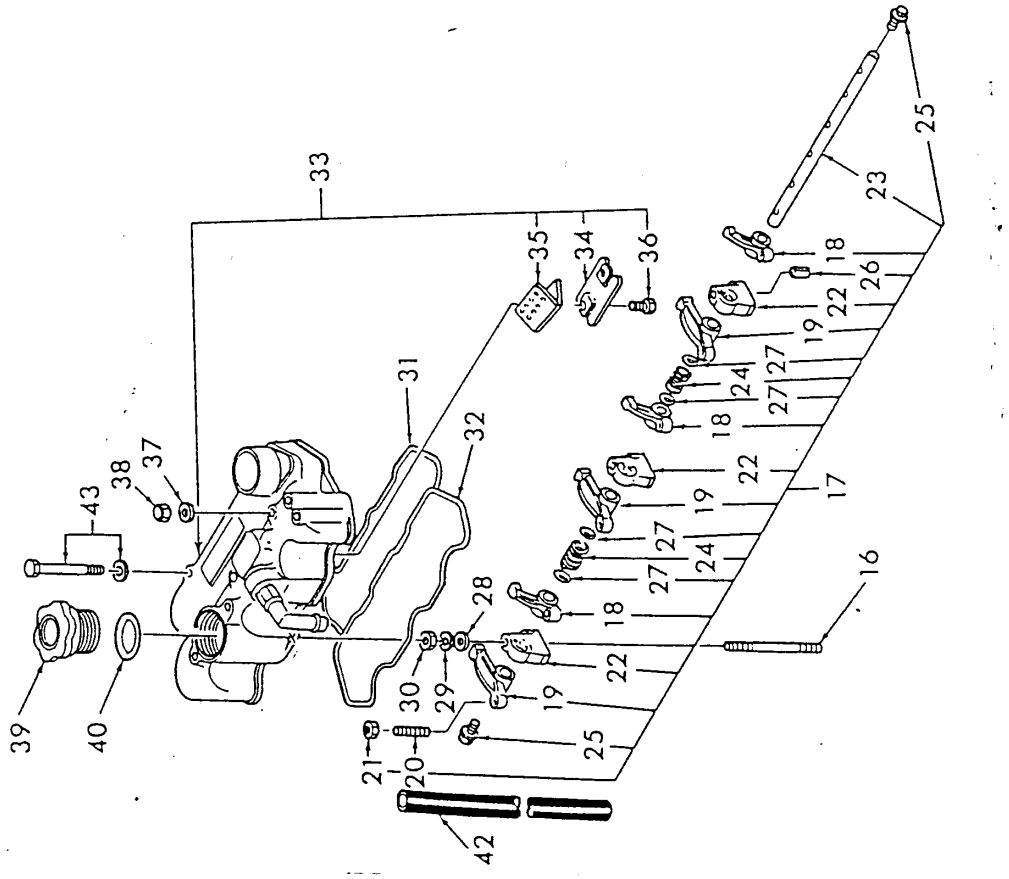
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S111017230	HEAD ASSY, CYLINDER	1	
2	S064200018	SEALING CAP	2	
3	S064200022	SEALING CAP	2	
4	S064200022	SEALING CAP	6	
5	S198466070	BLANK PLUG	4	
6	S120166280	VALVE, INTAKE	3	
7	S120176290	VALVE, EXHAUST	3	
8	S120406080	SEAL, VALVE GUIDE	6	
9	S198217070	SPRING	6	
10	S120186100	RETAINER	6	
11	S120226080	COTTER	12	
12	S012100650	STUD BOLT	1	
13	S111147390	GASKET, CYLINDER HEAD	1	
13	S111147400	GASKET, CYLINDER HEAD	1	
14	S111136340	HEADBOLT	11	
15	S111136350	HEADBOLT	3	
16	S012109177	STUD BOLT	3	
17	S120036700	LOCKER ARM	1	
18	S120356200	LOCKER ARM	3	
19	S120356210	LOCKER ARM	3	
20	S199486220	SCREW	6	
21	S020109076	NUT	6	
22	S120346170	BRACKET	3	
23	S120316190	SHAFT, ROCKER ARM	1	
24	S198217080	SPRING	2	
25	S064609006	PLUG	2	
26	S030300325	SPRING PIN	1	
27	S199280280	SHIM	4	
30	S023100008	NUT	3	
31	S111996330	GASKET	1	
32	S111996060	GASKET	1	
33	S111026710	COVER, CYLINDER HEAD	1	
34	S110666110	STOPPER, OIL	1	
35	S110666120	STOPPER, OIL	1	
36	S011300612	BOLT	2	
37	S140996260	GASKET	7	
38	S024500008	CAP NUT	3	
39	S198436010	CAP	1	
40	S052100400	O-RING	1	
42	S068122560	VINYL TUBE	1	
43	S011300650	BOLT	4	
44	S145996740	GASKET	1	
45	S198217410	SPRING	1	
46	S145206062	THERMOSTAT	1	
47	S145216171	THERMOSTAT CASE	1	
48	S195816520	LIFT EYE	1	

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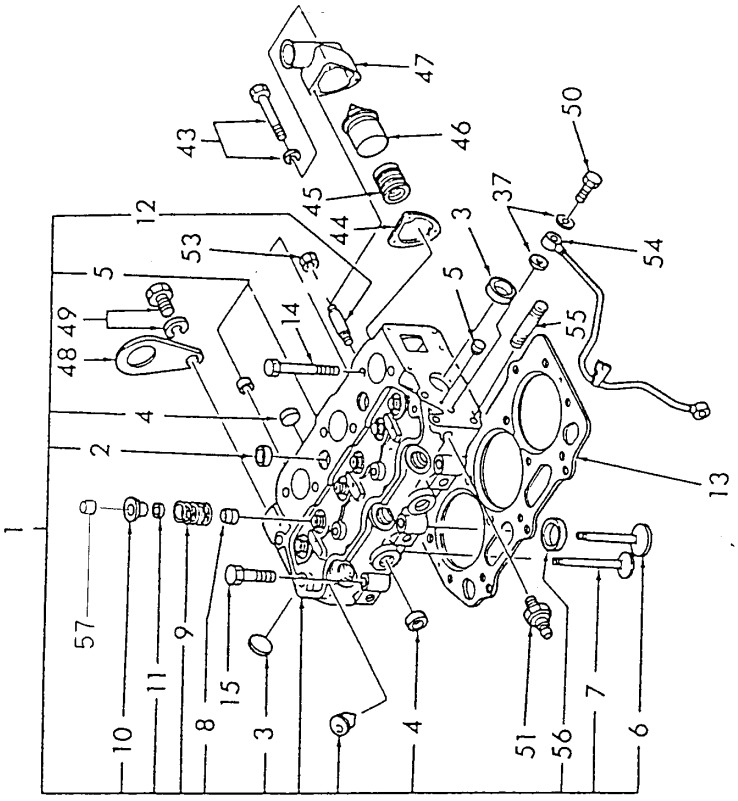
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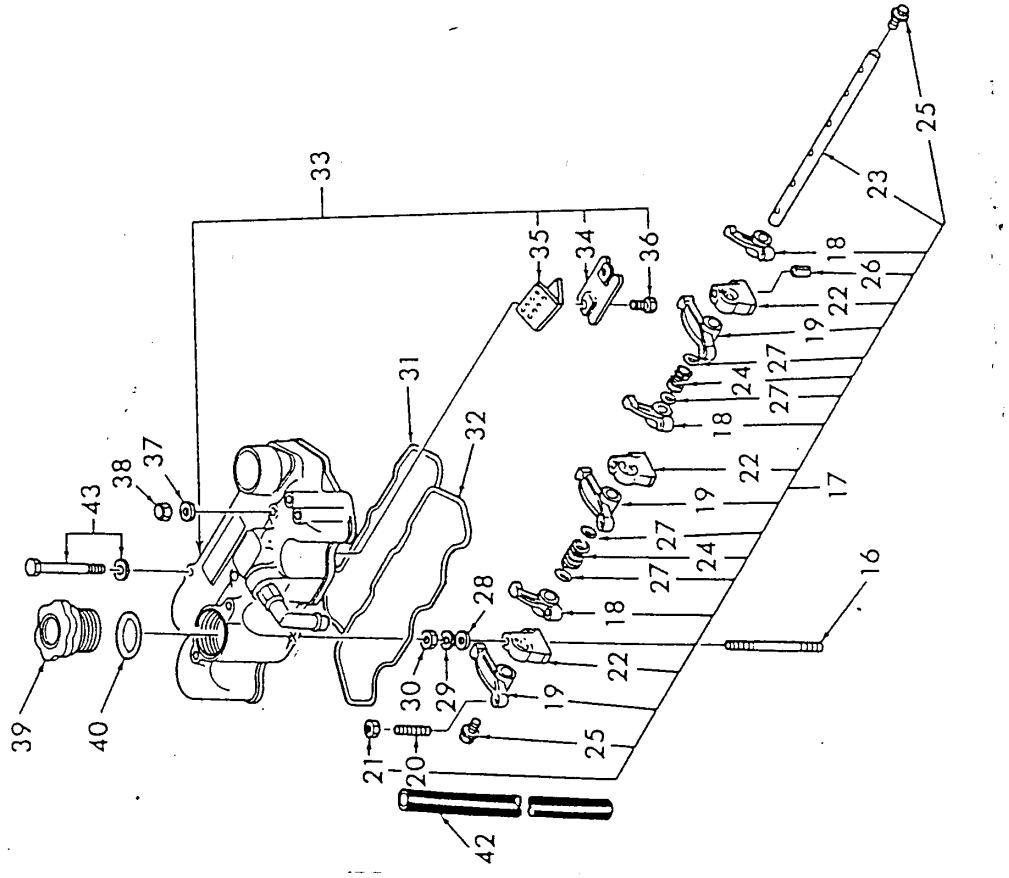
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
49	S011510816	BOLT	1	
50	S198486780	EYE BOLT	2	
51	S185246060	PRESSURE UNIT, OIL	1	
53	S023100006	NUT	2	
54	S140606680	PIPE, OIL	1	
55	S012100830	STUD BOLT	2	
56	S110136290	SEAT, VALVE	3	
57	S120216130	VALVE CAP	6	

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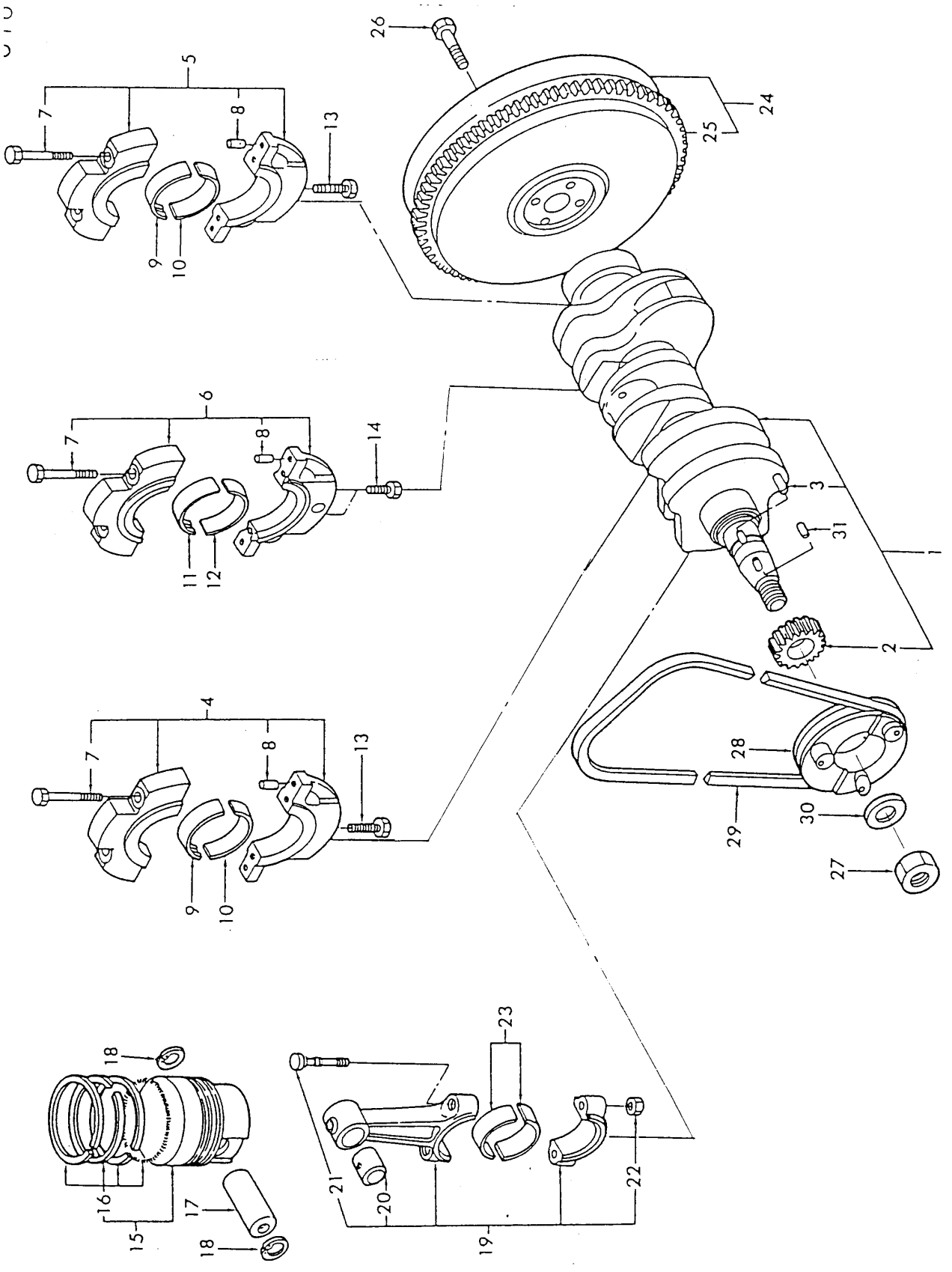
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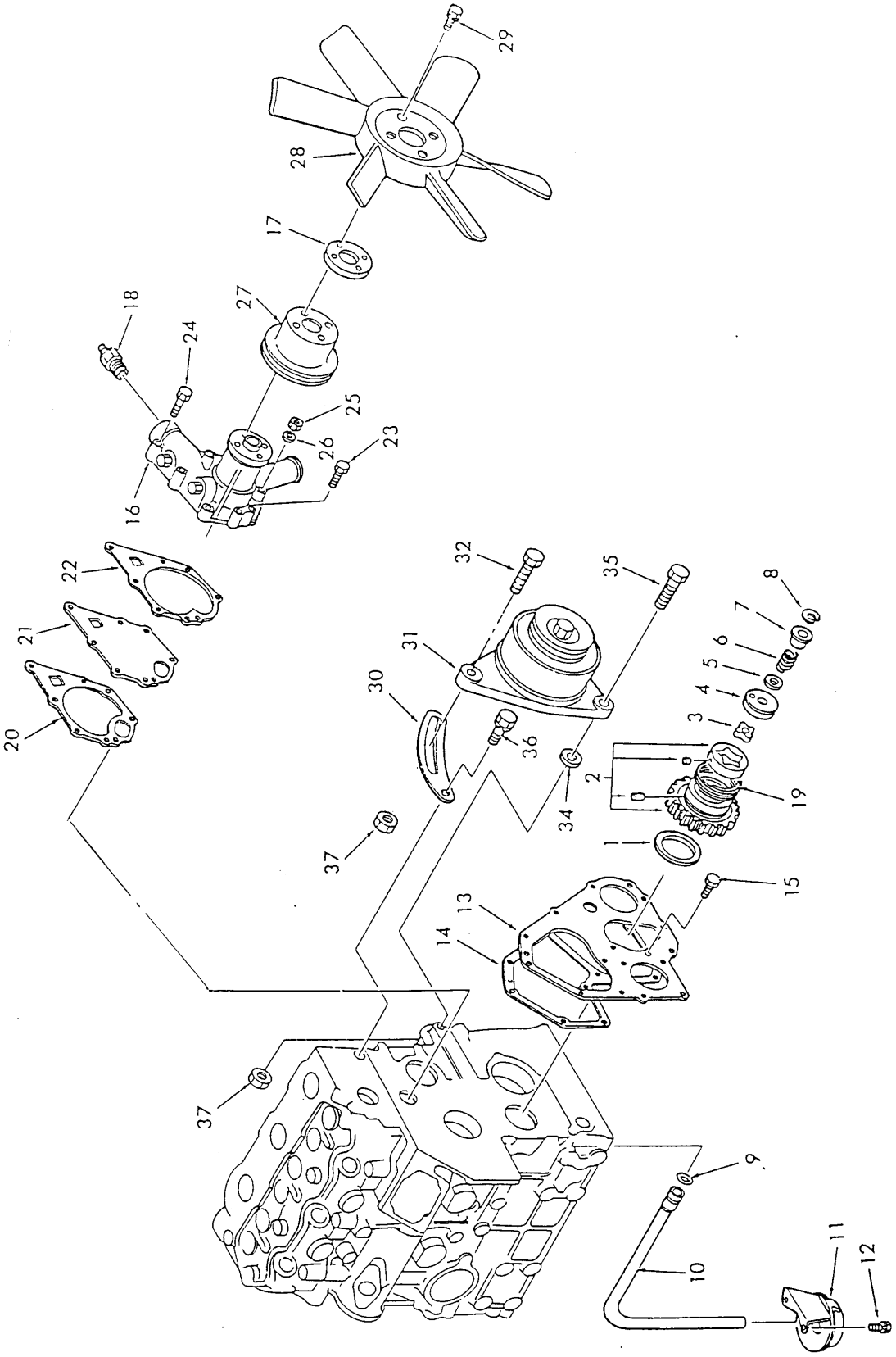
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S115256570	CRANKSHAFT COMPL	1	
2	S115276210	GEAR, CRANKSHAFT	1	
3	S030509020	DOWEL PIN	1	
4	S110156220	BEARING HOLDER ASSY	1	
5	S110156230	BEARING HOLDER ASSY	1	
6	S110156240	BEARING HOLDER ASSY	1	
7	S010810840	BOLT	2	
8	S030500612	DOWEL PIN	2	
9	S198517330	METAL;U.S.0.25	2	
9	S198517334	METAL;U.S.0.25	2	
9	S198517337	METAL;U.S.0.5	2	
10	S198517340	METAL S.T.D.	2	
10	S198517344	METAL;U.S.0.25	2	
10	S198517347	METAL;U.S.0.5	2	
11	S198517105	METAL;U.S.0.25	1	
11	S198517108	METAL;U.S.0.5	1	
11	S198517101	METAL;UPPER, S.T.D.	1	
12	S198517110	METAL; LOWER, S.T.D.	1	
12	S198517114	METAL;U.S.0.25	1	
12	S198517117	METAL;U.S.0.5	1	
13	S011510850	BOLT	2	
14	S010700845	BOLT	2	
15	S115016960	PISTON ASSY	3	
15	S115016970	PISTON ASSY	3	
16	S115107400	RING KIT	3	
16	S115107410	RING KIT	3	
17	S115326260	PIN, PISTON	3	
18	S036500019	SNAP RING	6	
19	S115026240	CONNECTING ROD ASSY	3	
20	S198517320	BUSHING	3	
21	S115176130	BOLT, CONNECTING ROD	2	
22	S020109103	NUT	2	
23	S198517310	METAL;S.T.D.	6	
23	S198517314	METAL;U.S.0.25	6	
23	S198517317	METAL;U.S.0.5	6	
24	S115356922	FLYWHEEL	1	
25	S115376150	GEAR, RING	1	
26	S010109330	BOLT	4	
27	S020800018	NUT	1	
28	S115397550	PULLEY	1	
29	S080109048	V-BELT;FM28	1	
30	S026200018	WASHER	1	
31	S034100508	KEY	1	

* Not Illustrated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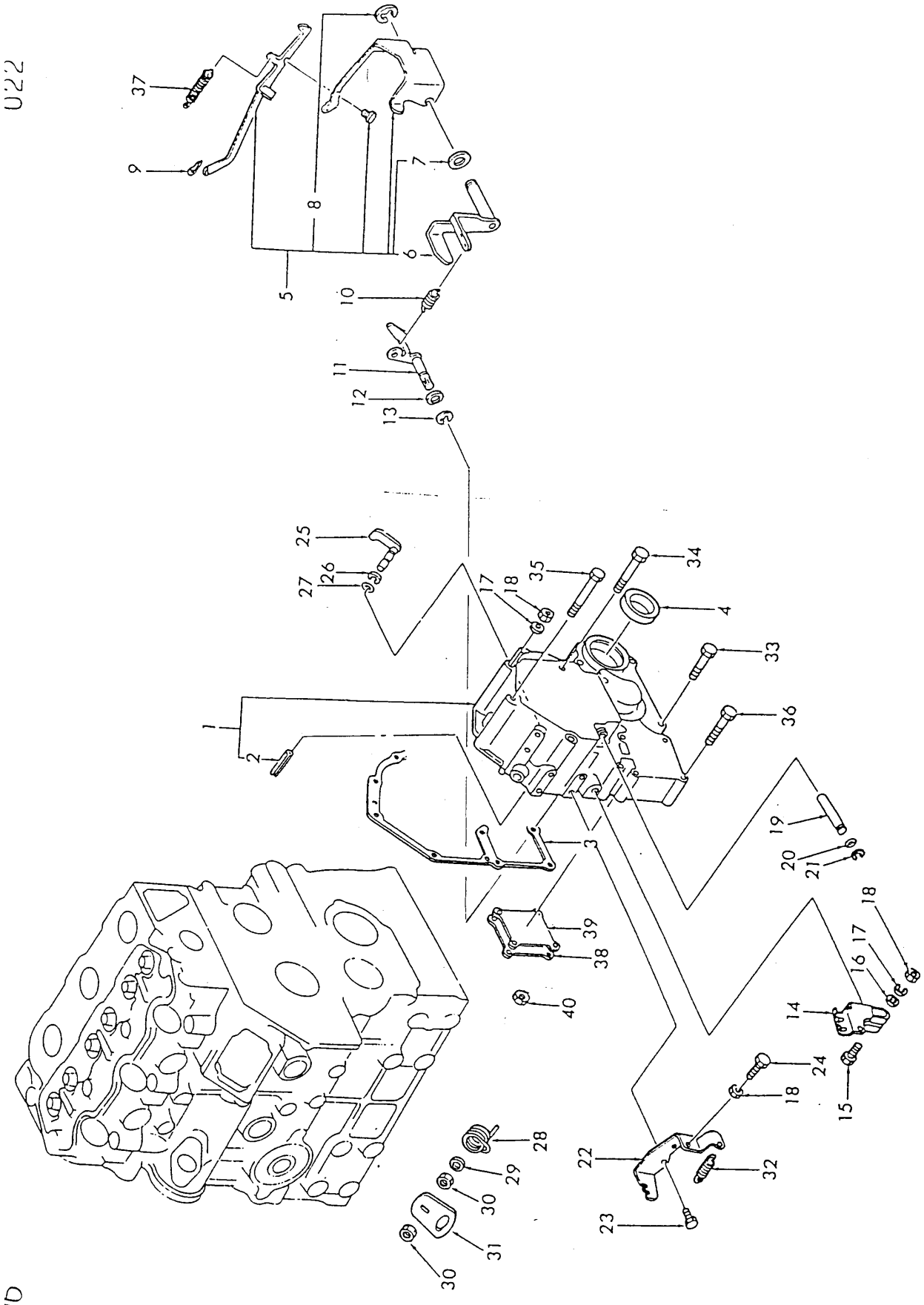
1	S199266180	WASHER, THRUST	1	
2	S165026110	GEAR ASS'Y, IDLE	1	
3	S140166130	ROTOR	1	
4	S140116140	OIL PUMP COVER	1	
5	S199286150	SHIM;0.1	1	
5	S199286160	SHIM;0.15	1	
5	S199286170	SHIM;0.2	1	
5	S199286180	SHIM;0.5	1	
7	S199236540	COLLAR	1	
8	S036800010	SNAP RING	1	
9	S052109076	O-RING	1	
9	S198216720	SPRRING	1	
10	S140986590	OIL PIPE	1	
11	S140406310	FILTER, SUCTION	1	
12	S011310612	BOLT	4	
13	S165166420	PLATE, FRONT	1	
14	S165996490	GASKET	1	
15	S011300612	BOLT	2	
16	S145017151	PUMP ASS'Y, WATER	1	
17	S145386520	PLATE	1	
18	S385720030	THERMO SWITCH	1	
19	S198216821	SPRING	1	
20	S145996630	GASKET	1	
21	S145146490	SETPLATE	1	
22	S145996640	GASKET	1	
23	S011300635	BOLT	3	
24	S011300650	BOLT	2	
25	S023100006	NUT	1	
27	S145336490	PULLEY, FAN	1	
28	S145306570	FAN, COOLING	1	
29	S011310620	BOLT	4	
30	S185727010	ADJUST PLATE	1	
31	S185046210	ALTERNATERASSY	1	
32	S013100830	BOLT	1	
34	S026109011	WASHER	1	
35	S010310850	BOLT	1	
36	S011500816	BOLT	1	
37	S023100008	NUT	2	

* Not Illustrated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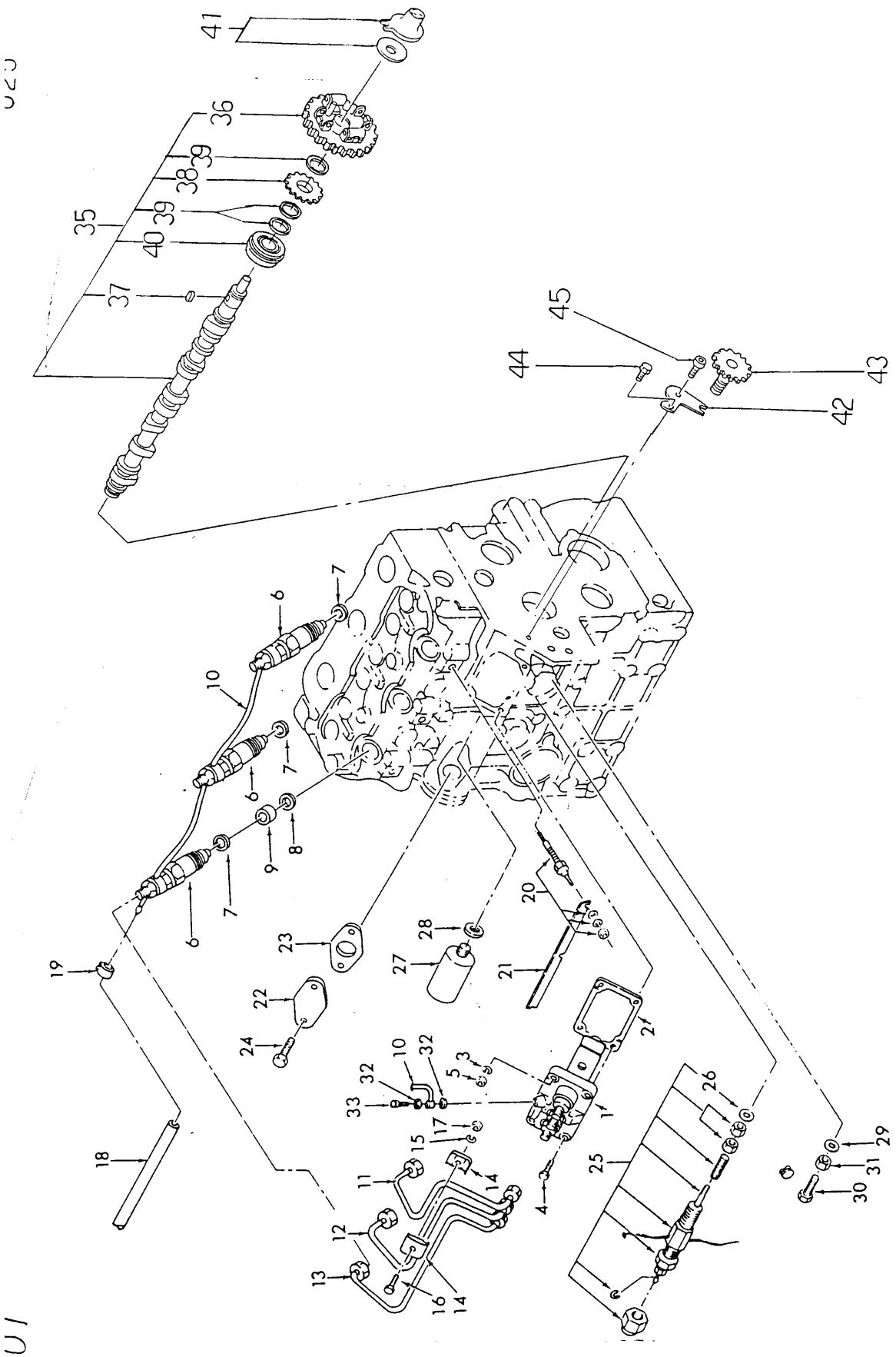
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S165106340	CASE, GEAR	1	
2	S030300414	SPRING PIN	1	
3	S165996500	GASKET	1	
4	S198636090	OIL SEAL	1	
5	S125046250	LEVER ASSY, GOVERNOR	1	
6	S125406071	LEVER, GOVERNOR	1	
7	S026200010	WASHER	1	
8	S036800008	SNAP RING	1	
9	S031100004	SNAP PIN	1	
10	S198217110	SPRING;MAIN	1	
11	S125156170	ARM	1	
12	S052100070	O-RING	1	
13	S036800008	SNAP RING	1	
14	S125416090	LEVER, GOVERNOR	1	
15	S010110630	BOLT	1	
16	S026100006	WASHER	2	
18	S023100006	NUT	3	
19	S125116130	SHAFT, GOVERNOR	1	
20	S052100030	O-RING	1	
21	S036800005	SNAP RING	1	
22	S125976100	STAY	1	
23	S011300616	BOLT	2	
24	S010109264	BOLT	1	
25	S125156180	ARM	1	
26	S036800006	SNAP RING	1	
27	S052100050	O-RING	1	
28	S198216760	SPRING	1	
29	S026200008	WASHER	1	
30	S020700008	NUT	2	
31	S125176080	LEVER	1	
32	S398210070	SPRING	1	
33	S011300640	BOLT	4	
34	S011300660	BOLT	3	
35	S011300680	BOLT	2	
36	S010310850	BOLT	2	
37	S198216731	SPRING	1	
38	S165206540	COVER	1	
39	S165996510	GASKET	1	
40	S023100008	NUT	1	

* Not Illustrated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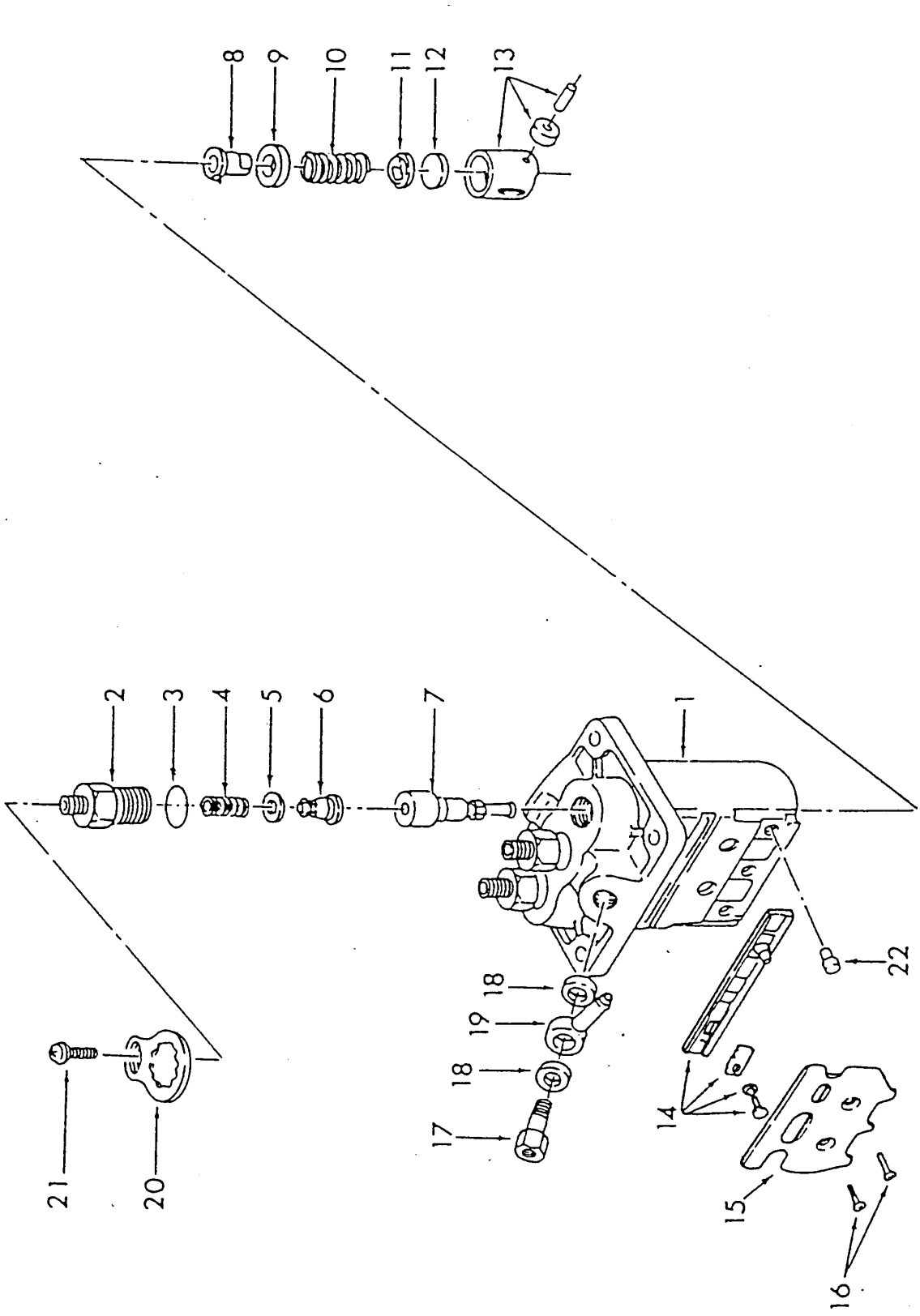
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S131017610	PUMP ASS'Y, INJECTIO	1	
2	S131437590	ADJUSTING SHIM	1	
2	S131437600	ADJUSTING SHIM	1	
2	S131437610	ADJUSTING SHIM	1	
2	S131437620	ADJUSTING SHIM	1	
4	S011300620	BOLT	2	
5	S023100006	NUT	2	
6	S131406340	INJECTOR	3	
7	S131426200	GASKET	3	
8	S198996090	GASKET	3	
9	S111316280	CHAMBER,COMBUSTION""""	3	
10	S131606460	PIPE, RETURN	1	
11	S131507010	PIPE, INJECTION	1	
12	S131507020	PIPE, INJECTION	1	
13	S131507030	PIPE, INJECTION	1	
14	S199106020	CLAMP	4	
16	S010100625	BOLT	2	
17	S023100006	NUT	2	
18	S068209041	RUBBERPIPE	1	
19	S198346010	CLIP	1	
20	S185366190	PLUG, GLOW	1	
21	S185376170	CONNECTOR	3	
22	S165206530	COVER	1	
23	S130996070	GASKET	1	
24	S011150612	BOLT	1	
25	S131046110	SMOKE SET ASS'Y	1	
26	S025100010	SEAL WASHER	1	
27	S185206160	SOLENOID	1	
28	S025100016	SEAL WASHER	1	
29	S025100010	SEAL WASHER	1	
30	S010109271	BOLT	1	
31	S023109002	NUT	1	
32	S025100006	SEAL WASHER	1	
33	S198487460	EYE BOLT	1	
33	S198487460	SCREW	1	
35	S120026121	CAMSHAFT ASSY	1	
36	S120016030	GEAR ASSY, CAMSHAFT	1	
37	S034100508	KEY	1	
38	S120736081	GEAR	1	
39	S199216230	SPACER	3	
40	S040109059	BALL BEARING	1	
41	S125256120	SLIDER COMPL	1	
42	S199566651	PLATE	1	
43	S120076070	SHAFT COMPL	1	
44	S011310612	BOLT	2	
45	S010700610	BOLT	1	

* Not Illustrated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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S131017610	INJECTOR PUMP ASSY	1	
2	S131196210	HOLDER	3	
3	S131226170	O-RING	3	
4	S131176570	SPRING	3	
5	S131186050	GASKET	3	
6	S131156270	VALVE, DELIVERY	3	
7	S131116540	ELEMENT	3	
8	S131296950	SLEEVE SUB ASSY.	3	
9	S131296620	SEAT, SPRING	3	
10	S131176440	SPRING	3	
11	S131296621	SEAT, SPRING	3	
12	S131296630	PLALE	1	
12	S131296623	PLATE	1	
12	S131296624	PLATE	1	
12	S131296625	PLATE	1	
12	S131296626	PLATE	1	
12	S131296627	PLATE	1	
12	S131296628	PLATE	1	
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12	S131296631	PLATE	1	
12	S131296632	PLATE	1	
12	S131296633	PLATE	1	
12	S131296634	PLATE	1	
12	S131296635	PLATE	1	
12	S131296622	PLATE	3	
13	S131256120	TAPPET	3	
14	S131296636	RAKE, CONTROL	1	
15	S131296650	BRACKET	1	
16	S131136320	SCREW	2	
17	S131236190	SCREW	1	
18	S131426180	WASHER	2	
19	S131246130	NIPPLE	1	
20	S131296662	PLATE SET VALVE	3	
21	S131136330	SCREW	3	
22	S131296651	PIN	3	

* Not Illustrated

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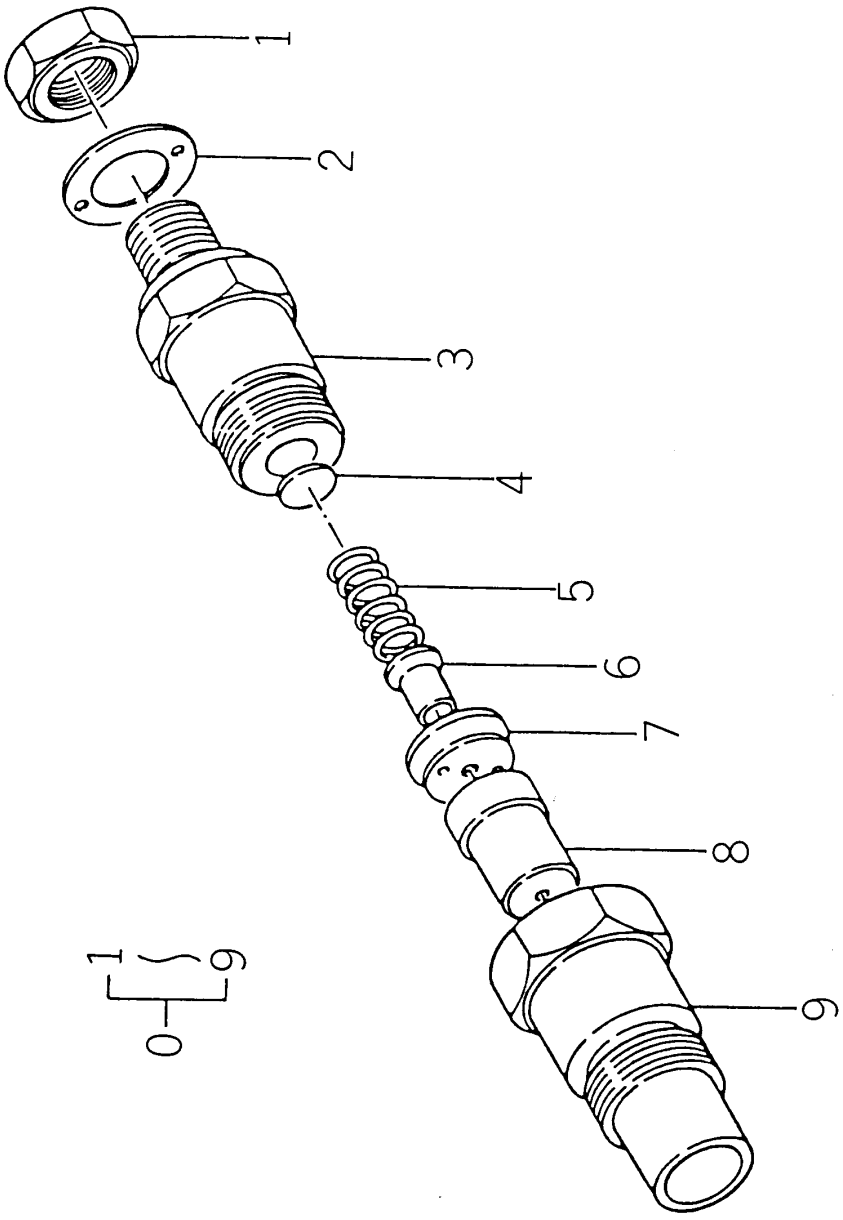

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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
0	S131406340	INJECTOR ASSY	3	
1	S131446069	NUT	1	
2	S131426210	WASHER	1	
3	S131446065	BODY SUB ASSY	1	
4	S131437250	SHIM	1	
4	S131437251	SHIM	1	
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4	S131437258	SHIM	1	
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4	S131437264	SHIM	1	
4	S131437266	SHIM	1	
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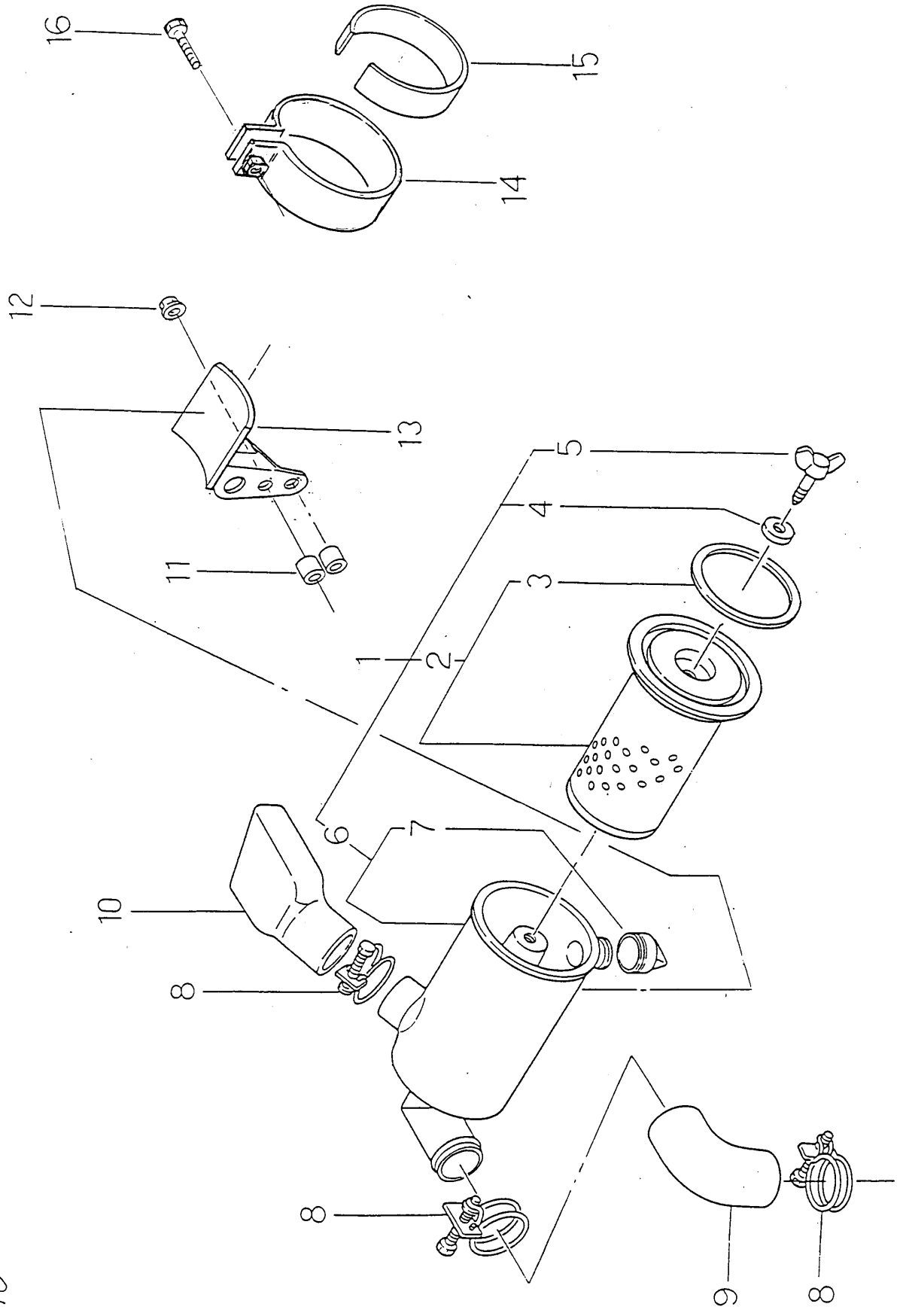
4	S131437268	SHIM	1	
4	S131437269	SHIM	1	
4	S131437270	SHIM	1	
4	S131437271	SHIM	1	
4	S131437272	SHIM	1	
5	S131446066	SPRING	1	
6	S131446070	PIN	1	
7	S131446068	DISTANCE PIECE	1	
8	S131416150	NOZZLE ASSY	1	
9	S131446067	NUT	1	

* Not Illustrated



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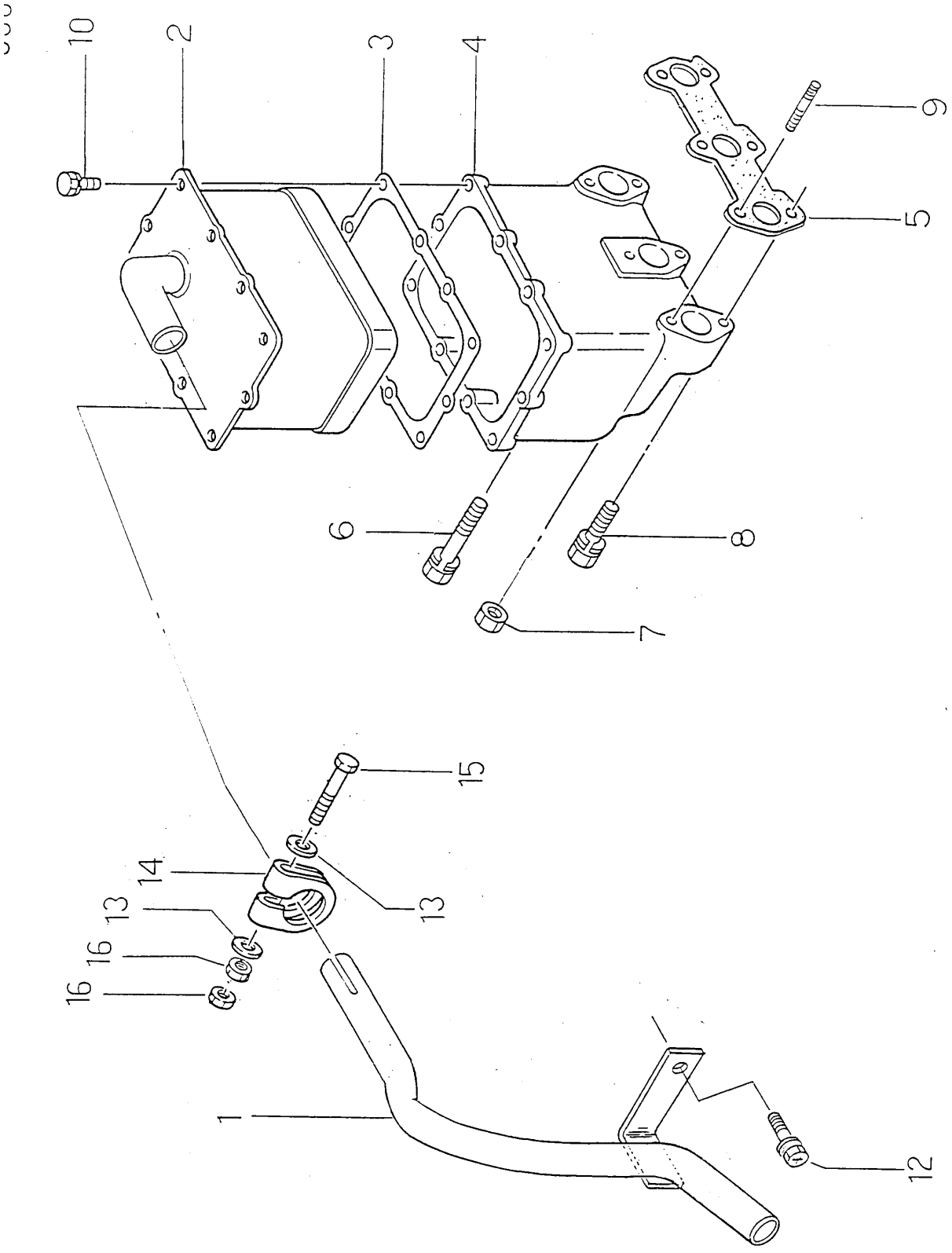
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S408060010	AIR CLEANER ASSY	1	
2	S408620002	ELEMENT	1	
3	S408620005	PACKING	1	
4	S408620006	PACKING	1	
5	S014100620	WING BOLT	1	
7	S408620004	VALVE	1	
8	S067100060	HOSE BAND	3	
9	S408610020	AIR CLEANER HOSE;B	1	
10	S408610010	AIR CLEANER HOSE;A	1	
11	S199236680	COLLAR	2	
12	S023100008	NUT	4	
13	S135976360	BSTAY	1	
14	S408330080	BAND CLEANER	1	
15	S398110950	RUBBER	1	
16	S499431660	BOLT	1	

* Not Illustrated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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S408300051	PIPE	1	
2	S135406151	MUFFLER, EXHAUST	1	
3	S135996900	GASKET	1	
4	S135616551	MANIFOLD, EXHAUST	1	
5	S135996521	GASKET	1	
6	S011310670	BOLT	1	
7	S023100006	NUT	2	
8	S011310640	BOLT	3	
9	S012110670	STUD BOLT	2	
10	S011300612	BOLT	3	
11	S026100006	WASHER	1	
12	S011150612	BOLT	1	
13	S026100008	WASHER	2	
14	S408330011	BAND	1	
15	S010300850	BOLT	4	
16	S020500008	NUT	2	

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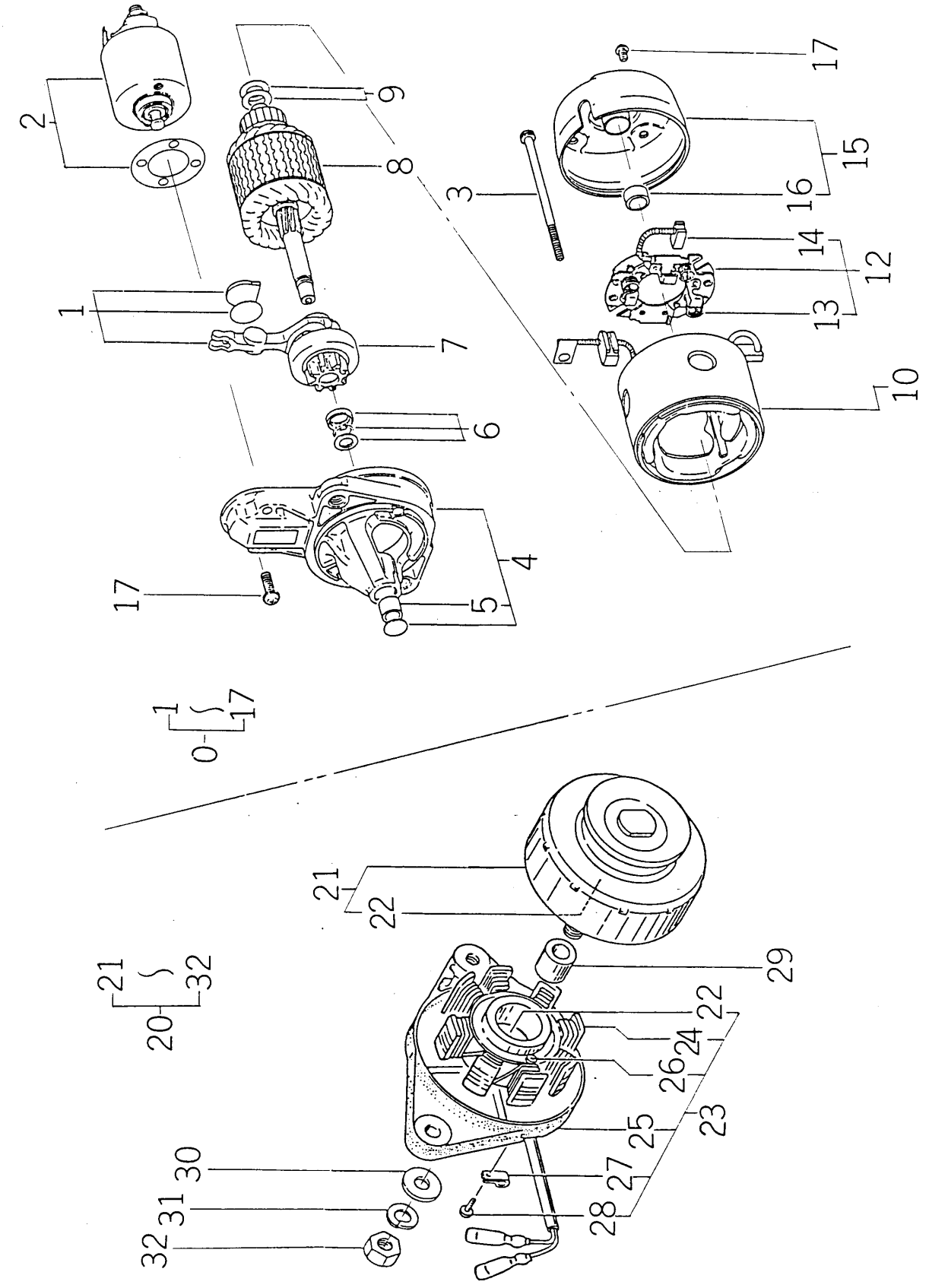
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
0	S185086540	STARTER ASSY	1	
1	S185846604	LEVER ASSY	1	
2	S185816330	SWITCH ASSY	1	
3	S185846605	BOLT	1	
4	S185846606	BRACKET	2	
5	S185846472	SLEEVE BEARING	1	
6	S185846473	STOPPER SET	1	
7	S185866240	CLUTCH, PINION	1	
8	S185846607	ARMATURE ASSY	1	
9	S185846475	WASHER SET	1	
10	S185846608	YORK ASSY	1	
12	S185416390	HOLDER ASSY, BRUSH	1	
14	S185886010	REAR BRUSH	1	
15	S185846609	BRACKET	1	
16	S185846478	SLEEVE BEARING	1	
17	S185846468	SCREW SET	1	
20	S185046210	ALTERNATOR ASS'Y	1	
21	S185446219	FLY WHEEL COMPL	1	
22	S040126201	BALL BEARING	2	
23	S185446217	PLATE	1	
24	S185446218	STATOR COMPL	1	
25	S185716200	PLATE	2	
26	S015140425	SCREW	2	
27	S185446220	CLAMP	1	
28	S015140408	SCREW	1	
29	S199236510	COLLAR	1	
30	S026100010	WASHER	1	
31	S027100010	SPRING WASHER	1	
32	S021010010	NUT	1	

* Not Illustrated

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S430210110	BELT GUIDE	2	
2	S436500301	ENGINE BED COMPL	1	
3	S436500310	ENGINE BED COMPL	1	
4	S498110452	RUBBER	4	
5	S027100008	SPRING WASHER	8	
6	S020500008	NUT	8	
7	S011511020	BOLT	8	
8	S498110820	RUBBER	1	
9	S011500816	BOLT	10	
10	S026100008	WASHER	2	
11	S430111751	PULLEY	1	
12	S011510820	BOLT	3	
13	S020700010	NUT	1	
14	S430251200	BELT COVER	1	

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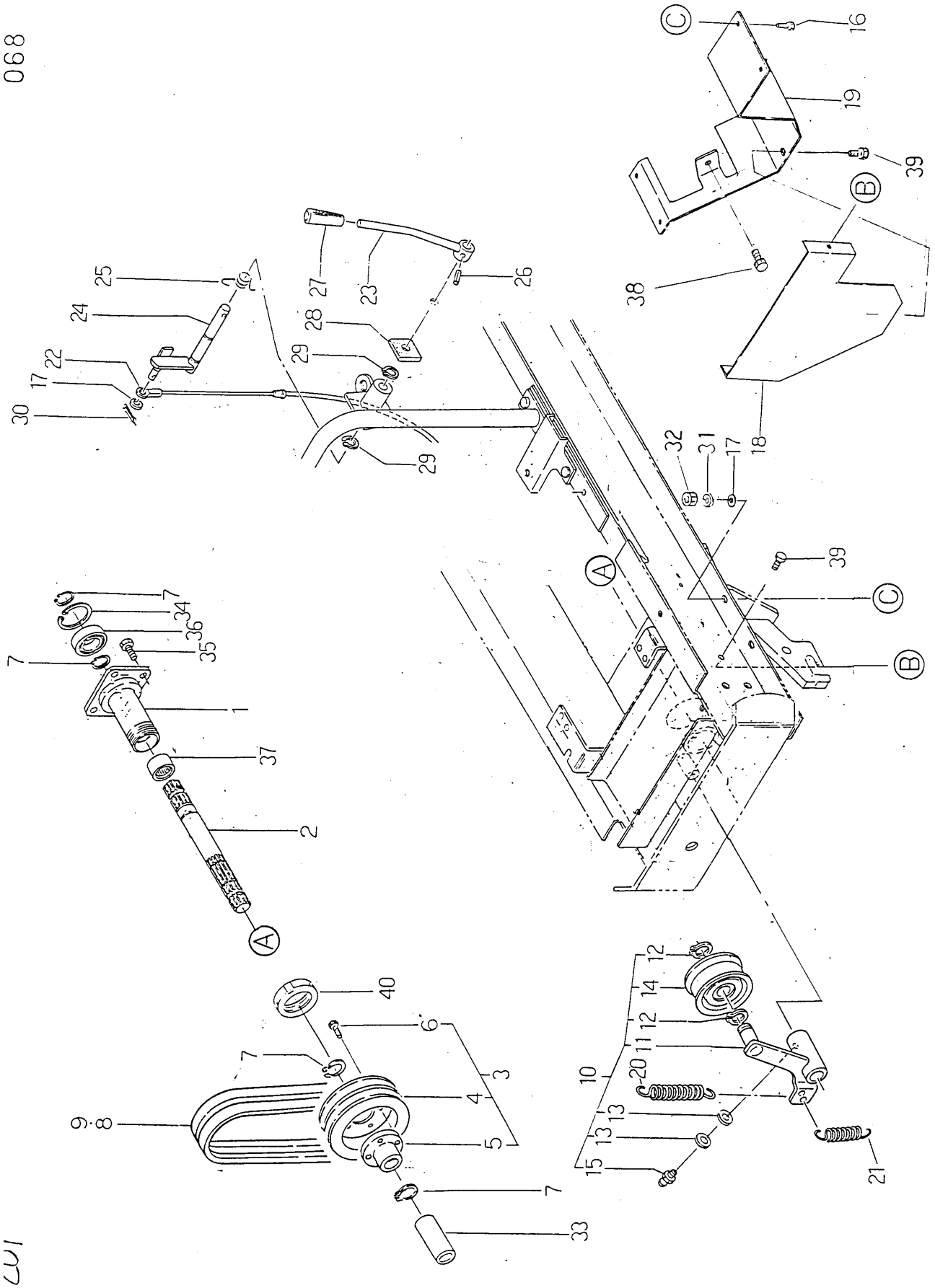
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S475510060	PIVOT SHAFT	1	
2	S413360630	P.T.O SHAFT	1	
4	S430111760	PULLEY	2	
5	S430101050	PULLEY	1	
6	S011310612	BOLT	1	
7	S036100025	SNAP RING	1	
8	S080529119	V-BELT	2	
11	S432200980	ARM	1	
12	S036100020	SNAP RING	1	
13	S026100006	WASHER	4	
14	S432350180	TENTION ROLLER	1	
15	S060610000	GREASE NIPPLE	1	
16	S010300816	BOLT	4	
17	S026100008	WASHER	1	
18	S430251180	COVER	1	
19	S430150920	BELT GUIDE	1	
20	S498221040	SPRING	1	
21	S498221570	SPRING	1	
22	S432990701	WIRE;PTO	1	
23	S432300410	LEVER	1	
24	S432450140	ARM	1	
25	S498221140	SPRING;TORQUE	1	
26	S030300625	SPRING PIN	1	
27	S398181090	GRIP	1	
28	S498130010	FELT	1	
29	S036100015	SNAP RING	2	
30	S030102020	SPLIT PIN	1	
31	S027100008	SPRING WASHER	4	
32	S020500008	NUT	4	
33	S498160040	HOSE	1	
34	S036500052	SNAP RING	1	
35	S011511020	BOLT	4	
36	S040146205	BALL BEARING	1	
37	S042219003	NEEDLE BEARING	1	
38	S011500816	BOLT	2	
39	S011150616	BOLT	6	
40	S022700400	LOCK NUT	1	

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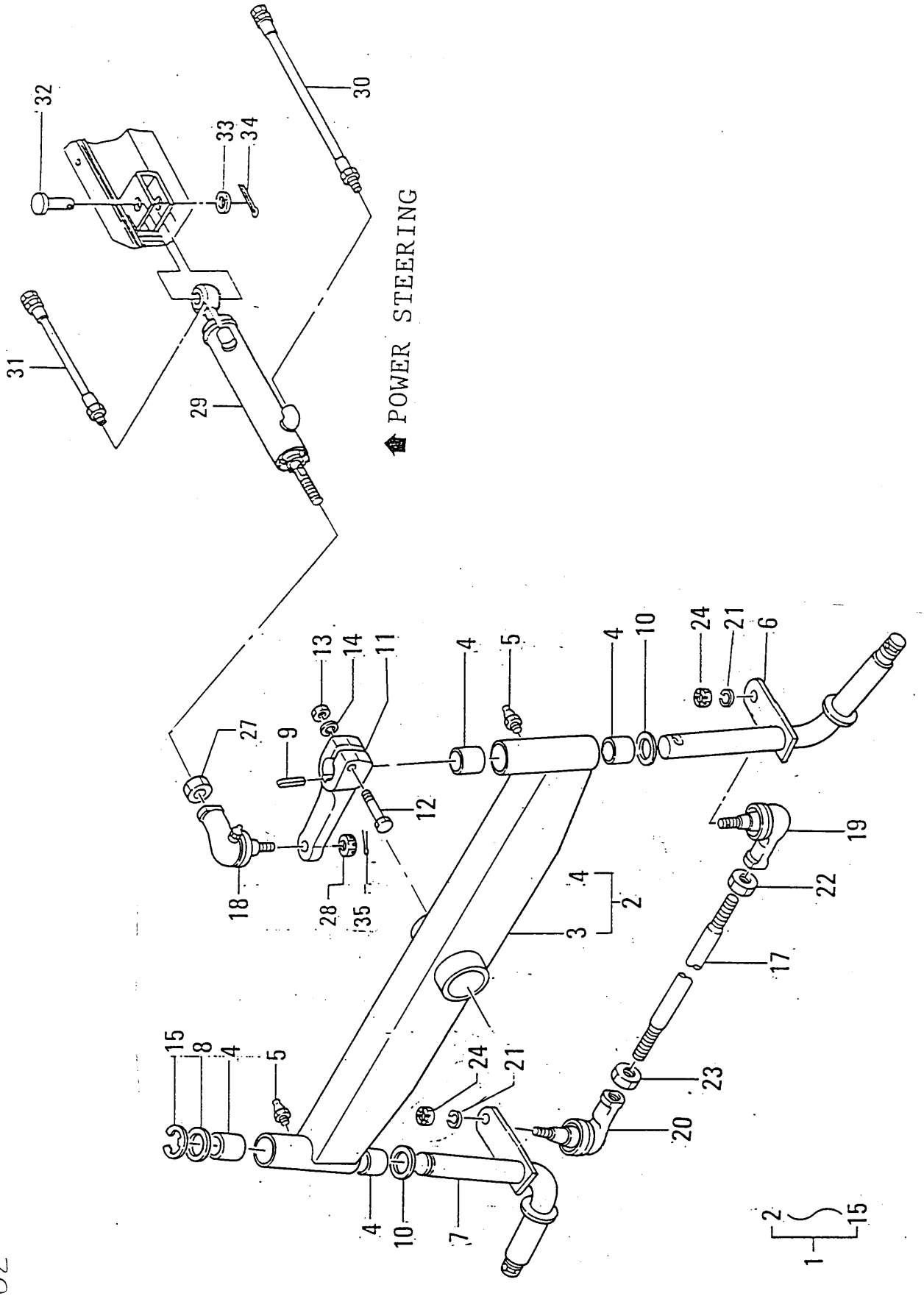
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
2	S475020040	AXLE SHAFT ASSY	1	
4	S498510400	BUSH	4	
5	S060610000	GREASE NIPPLE	2	
6	S475300120	KING PIN L	1	
7	S475300140	KING PIN R	1	
8	S499211570	SPACER	1	
9	S034100720	KEY	1	
10	S399260650	THRUST WASHER	1	
11	S447600010	KNUCKLE ARM	1	
12	S010311055	BOLT	1	
13	S020510010	NUT	1	
14	S027100010	SPRING WASHER	4	
15	S036809802	SNAP RING	1	
17	S447710120	ROD;TIE ROD	1	
18	S334800670	TIE ROD END	1	
19	S447800090	TIE ROD END	1	
20	S447800100	TIE ROD END	1	
21	S027100014	SPRING WASHER	2	
22	S020909001	NUT	1	
23	S020900014	NUT	1	
24	S020900014	NUT	2	
27	S020800014	NUT	1	
28	S334810090	NUT	1	
29	S454950071	CYLINDER ASSY	1	
30	S454600250	OIL HOSE;A	1	
31	S454600260	OIL HOSE;B	1	
32	S031319017	PIN	1	
33	S026100016	WASHER	1	
34	S030104040	SPLIT PIN	2	
35	S030103025	SPLIT PIN	2	

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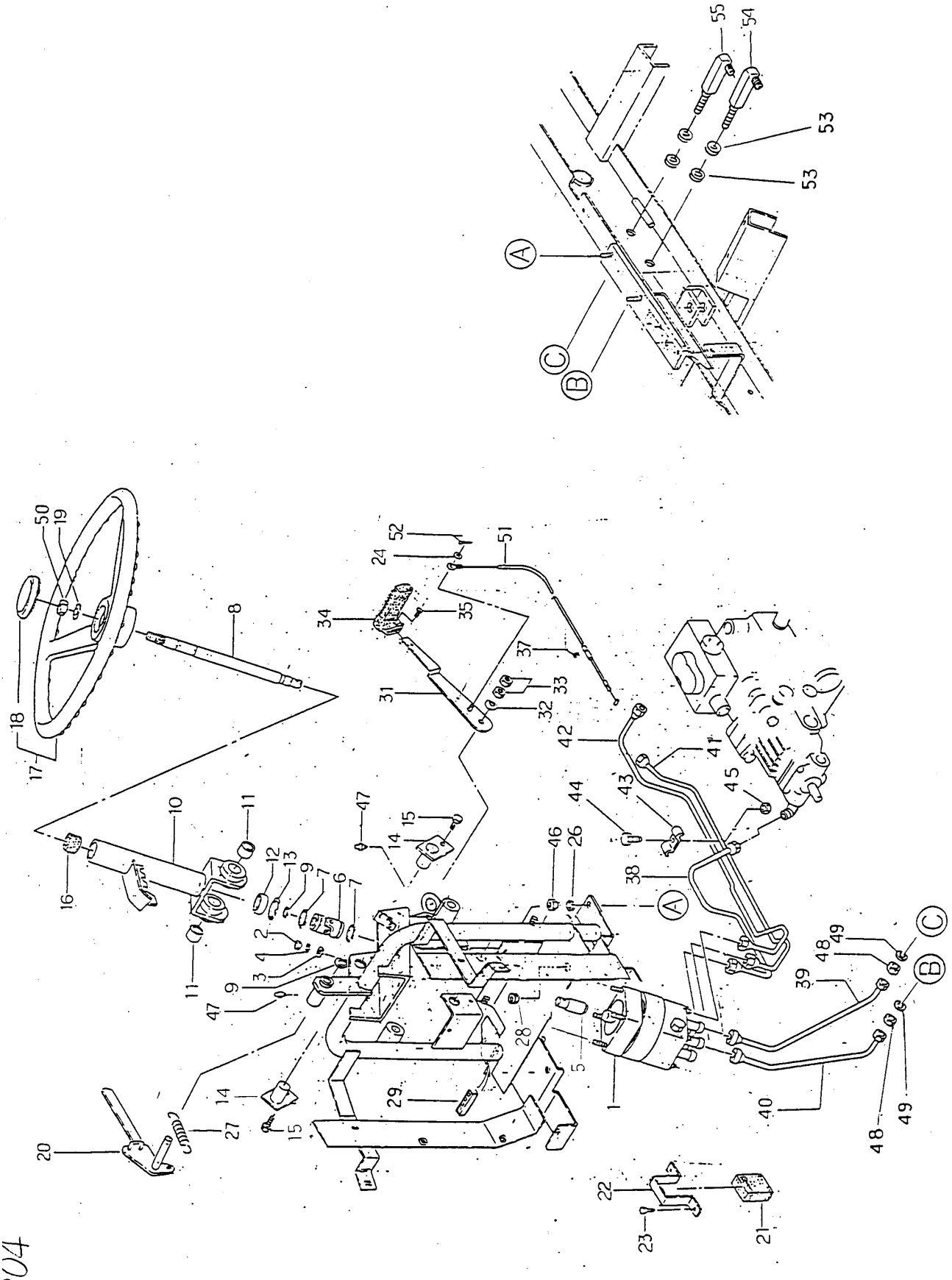
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S334011000	STE-CASE ASSY	1	
2	S334293057	NUT	4	
3	S026109102	WASHER	4	
4	S027100008	SPRING WASHER	4	
5	S447110060	STE-SHAFT	1	
6	S422300080	JOINT	1	
7	S036100025	SNAP RING	2	
8	S447110090	STE-SHAFT	1	
9	S036100015	SNAP RING	1	
10	S445100460	PIPE HANDLE	1	
11	S398511190	BUSH	2	
12	S040126002	BALL BEARING	1	
13	S036500032	SNAP RING	1	
14	S334650570	HOLDER	2	
15	S011500816	BOLT	4	
16	S498110460	RUBBER	1	
17	S334300050	STE-WHEEL ASSY	1	
18	S334320090	HANDLE CAP	1	
19	S027100012	SPRING WASHER	2	
20	S445400550	STAY	1	
21	S498110840	RUBBER	1	
22	S498370030	CLAMP	1	
23	S499431260	BOLT	2	
24	S026100020	WASHER	1	
25	S436600070	SUB FRAME	1	
26	S027100010	SPRING WASHER	4	
27	S498221610	SPRING	2	
28	S498110560	GROMET	1	
29	S497860240	BUSH	1	
31	S409100021	LEVER	1	
32	S498221070	SPRING	2	
33	S020700010	NUT	2	
34	S498180280	GRIP	1	
35	S015140512	SCREW	1	
37	S036800004	SNAP RING	1	
38	S454600270	OIL PIPE	1	
39	S454600230	OIL PIPE	1	
40	S454600300	OIL PIPE	1	
41	S454600280	OIL PIPE	1	
42	S454600210	OIL PIPE	1	
43	S498370010	CLAMP	1	
44	S010100614	BOLT	1	
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47	S060610000	GREASE NIPPLE	3	
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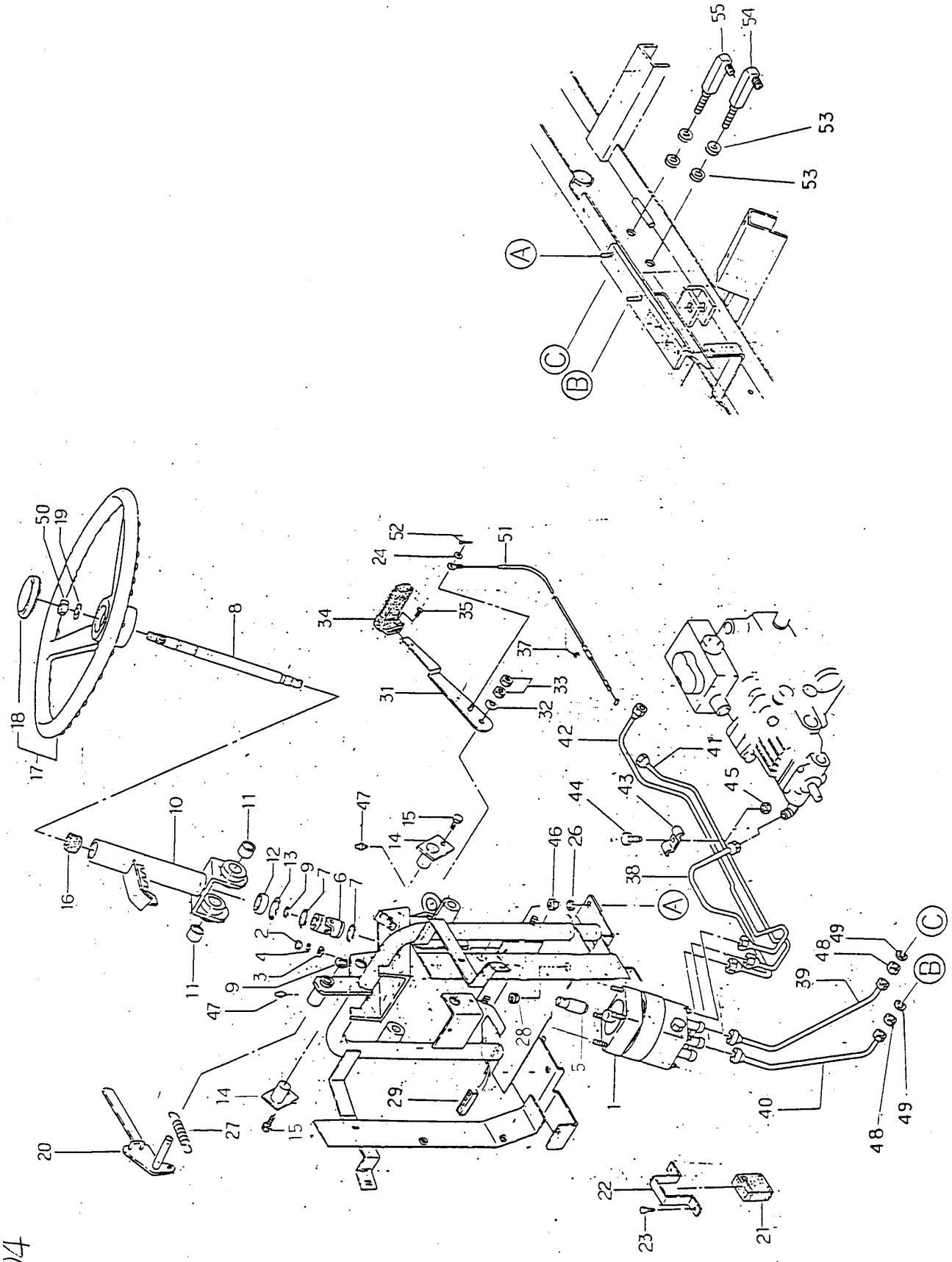
* Not Illustrated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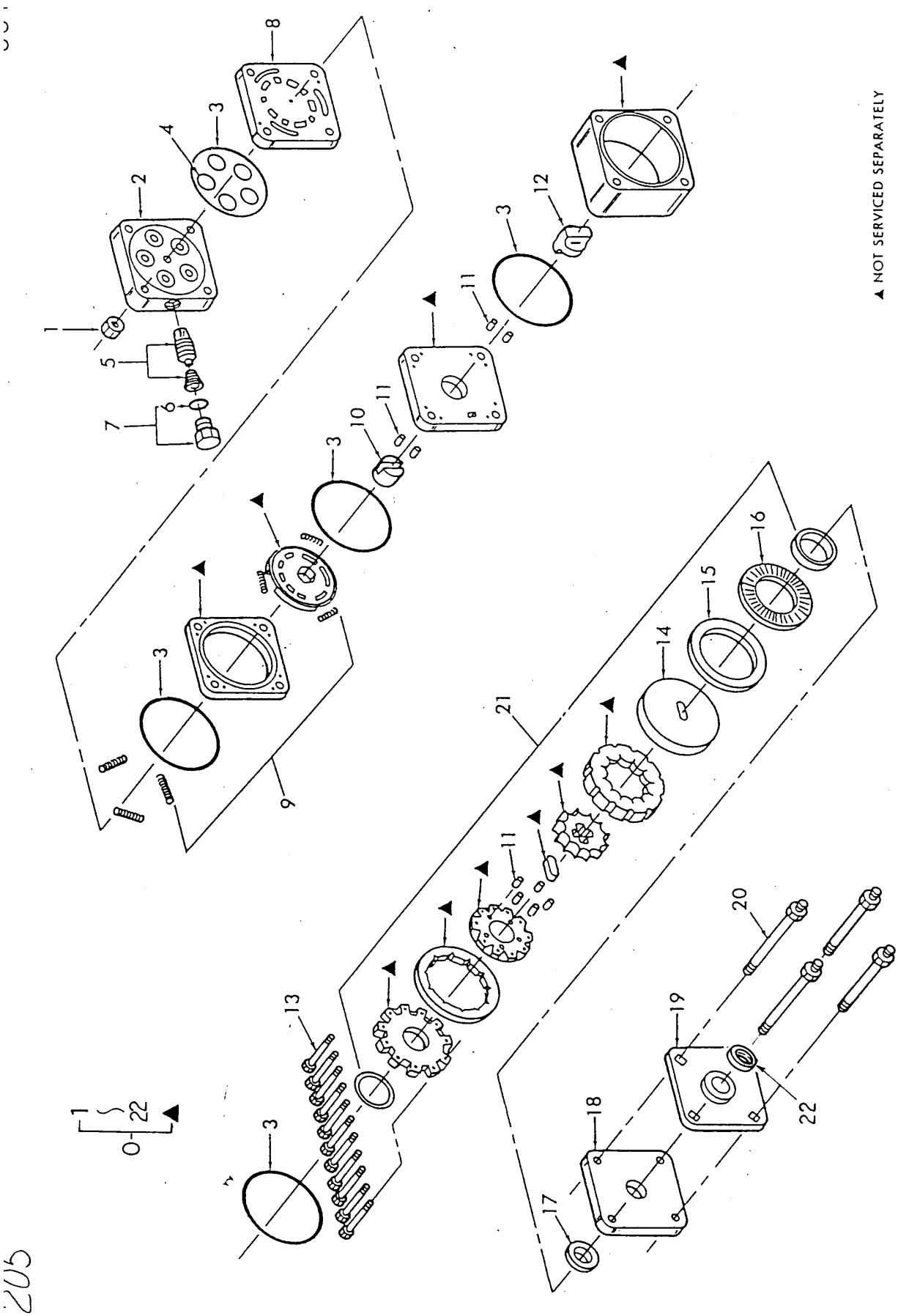
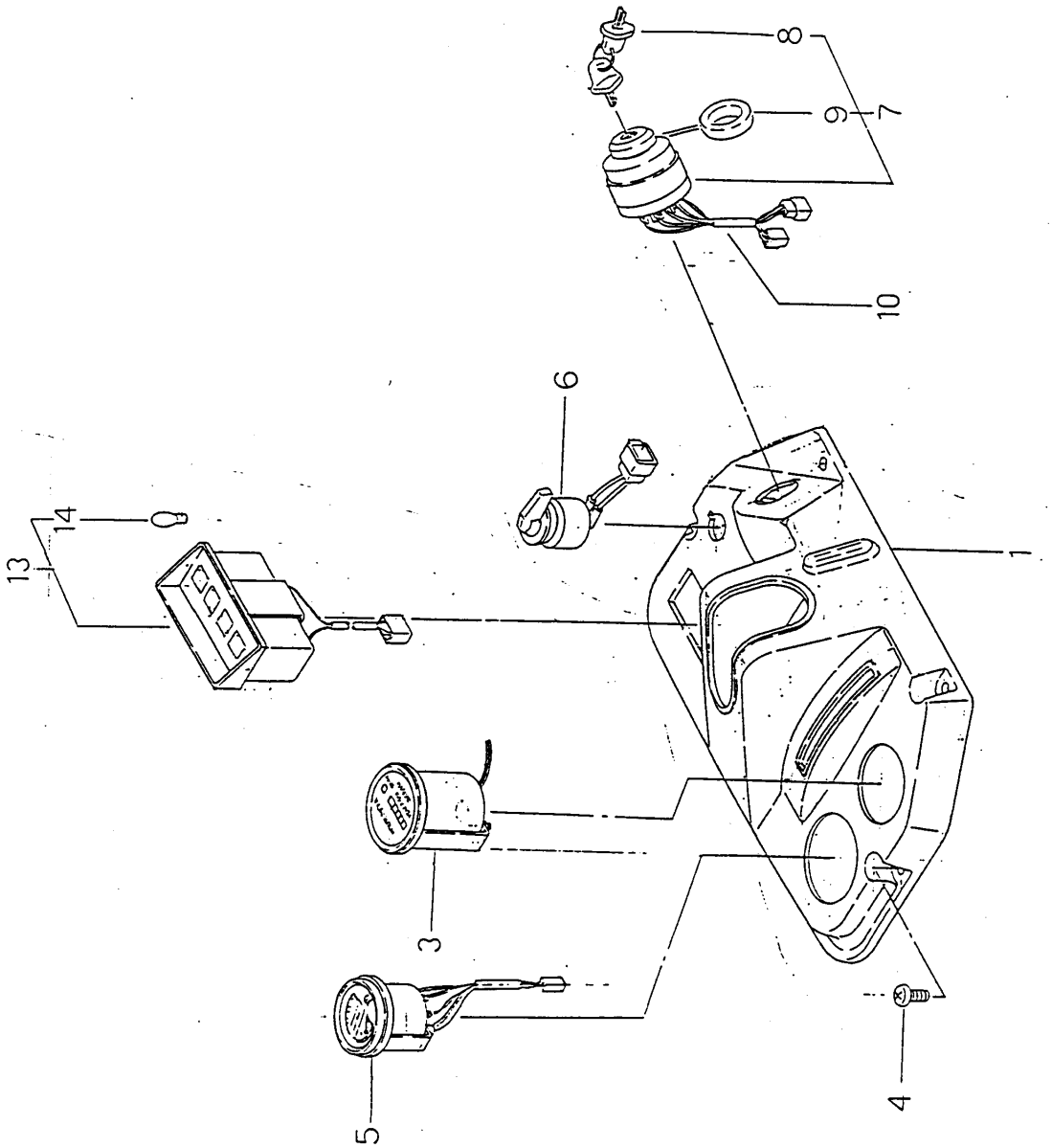
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
49	S027100014	SPRING WASHER	2	
50	S020600012	NUT	1	
51	S409070010	WIRE:THROTTLE	1	
52	S030102020	SPLIP PIN	1	
53	S026100014	WASHER	1	
54	S454670070	ADAPTOR	1	
55	S454670110	ADAPTOR	1	

* Not Illustrated


▲ NOT SERVICED SEPARATELY

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
0	S334011000	STEERING ASSY	1	
1	S334293057	NUT	4	
2	S334293058	PORT COVER	1	
3	S334293059	SEAL RING	5	
4	S334293060	O-RING	5	
5	S334293061	CARTRIDGE	1	
6	S334293062	O-RING	1	
7	S334293063	HEX PLUG ASSY	1	
8	S334293064	PORT MANIFOLD	1	
9	S334293065	SPRING KIT	1	
10	S334293066	HEX DRIVE ASSY	1	
11	S334293067	PIN KIT	1	
12	S334293068	DRIVE LING	1	
13	S334293069	BOLT KIT	1	
14	S334293070	DRIVE PLATE	1	
15	S334293071	SPACER	1	
16	S334293072	BEARING ;THRUST	1	
17	S334293073	SPACER	1	
18	S334293074	PLATE	1	
19	S334293075	COVER;UPPER	1	
20	S334293076	BOLT KIT	1	
21	S334293077	SEAL KIT	1	
22	S334293099	SEAL	1	

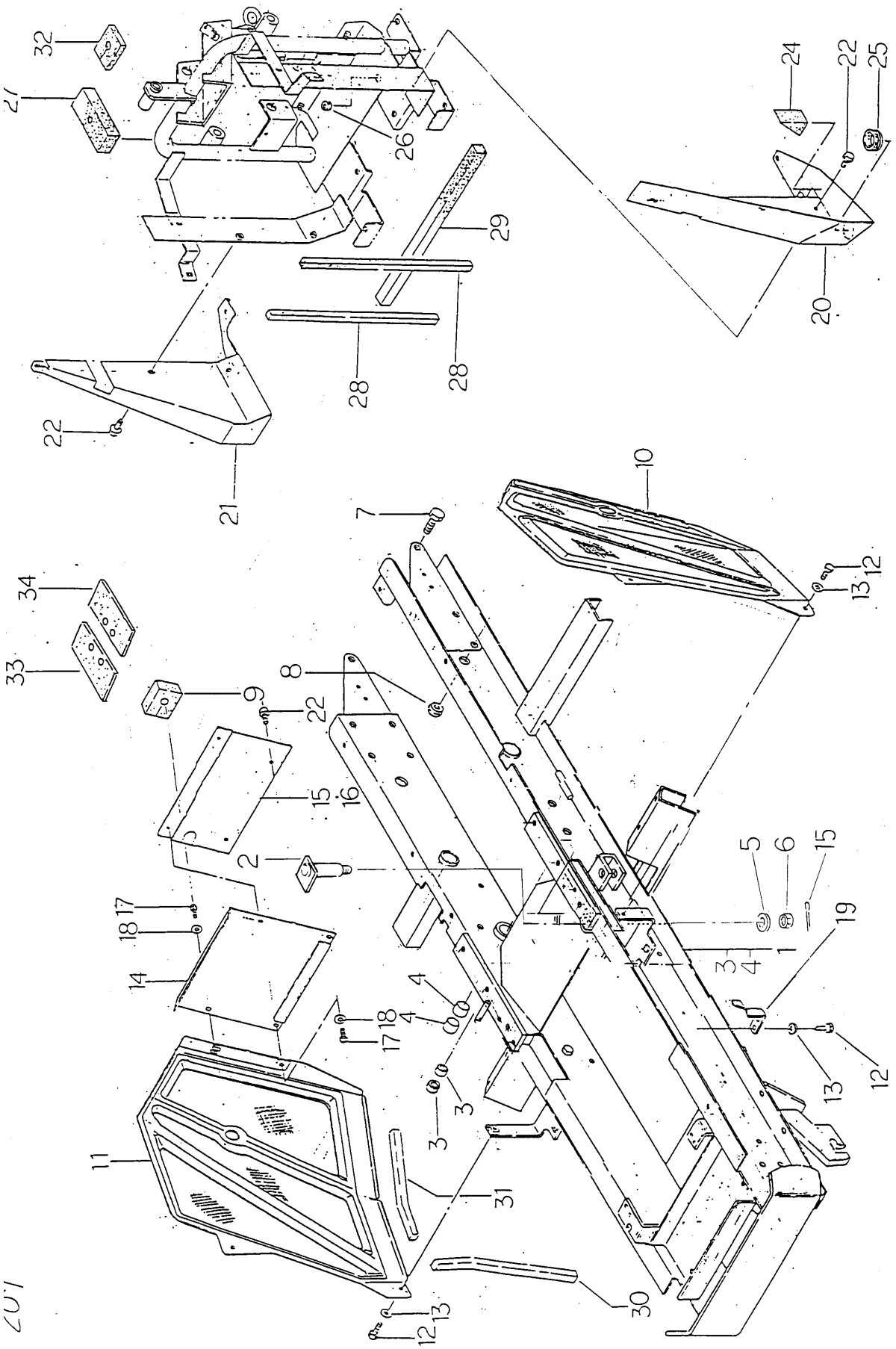
* Not Illustrated



206

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S462810040	INSUTRUMENT PANEL	1	
3	S485450020	METER ASSY	1	
4	S015109540	SCREW	4	
5	S385270061	FUEL METER	1	
6	S385201070	SWITCH ASSY	1	
7	S385200110	SWITCH ASSY	1	
8	S385210230	KEY	1	
9	S385800011	KEY CAP COMP	1	
10	S385604810	WIRE HARNESS	1	
13	S385100950	LAMP ASSY	1	
14	S385120030	BULB ;3.4W	4	

* Not Illustrated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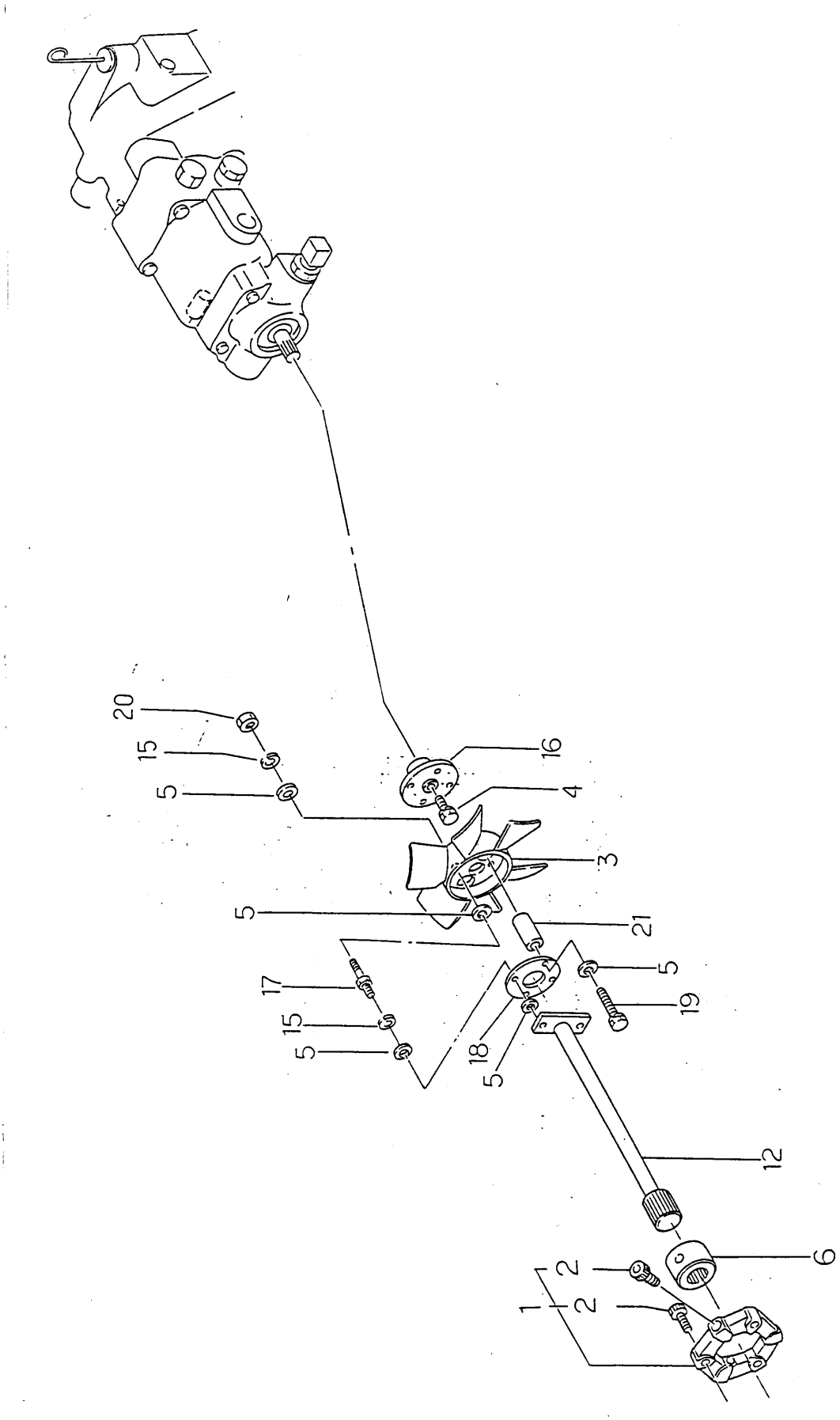
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S436010123	CHASSIS ASSY	1	
2	S462350410	SUPPORT	1	
3	S498510250	BUSH	2	
4	S498510390	BUSH	2	
5	S499340440	WASHER	1	
6	S022200008	NUT	1	
7	S011511225	BOLT	10	
8	S398110250	RUBBER	1	
9	S498130180	FELT	1	
10	S462750180	DASH BOARD;L	1	
11	S462750200	DASH BOARD;R	1	
12	S011500816	BOLT	8	
13	S026100008	WASHER	9	
14	S462760150	DASH BOARD	1	
15	S030102516	SPLIT PIN	1	
16	S408400270	BAFFLE PLATE	1	
17	S015140616	SCREW	4	
18	S026100006	WASHER	4	
19	S498221590	SPRING	2	
20	S408400180	BUFFLE PLATE;L(D)	1	
21	S408400190	BUFFLE PLATE;R(D)	1	
22	S499431260	BOLT	10	
24	S498130031	FELT SPONGE	1	
25	S498110830	RUBBER	1	
26	S498110560	GROMET	1	
27	S498130140	FELT SPONGE	1	
28	S498130020	FELT	2	
29	S498130060	FELT	1	
30	S398132531	FELT	2	
31	S398131280	FELT	2	
33	S498130150	FELT	1	
34	S498130160	FELT	1	

* Not Illustrated



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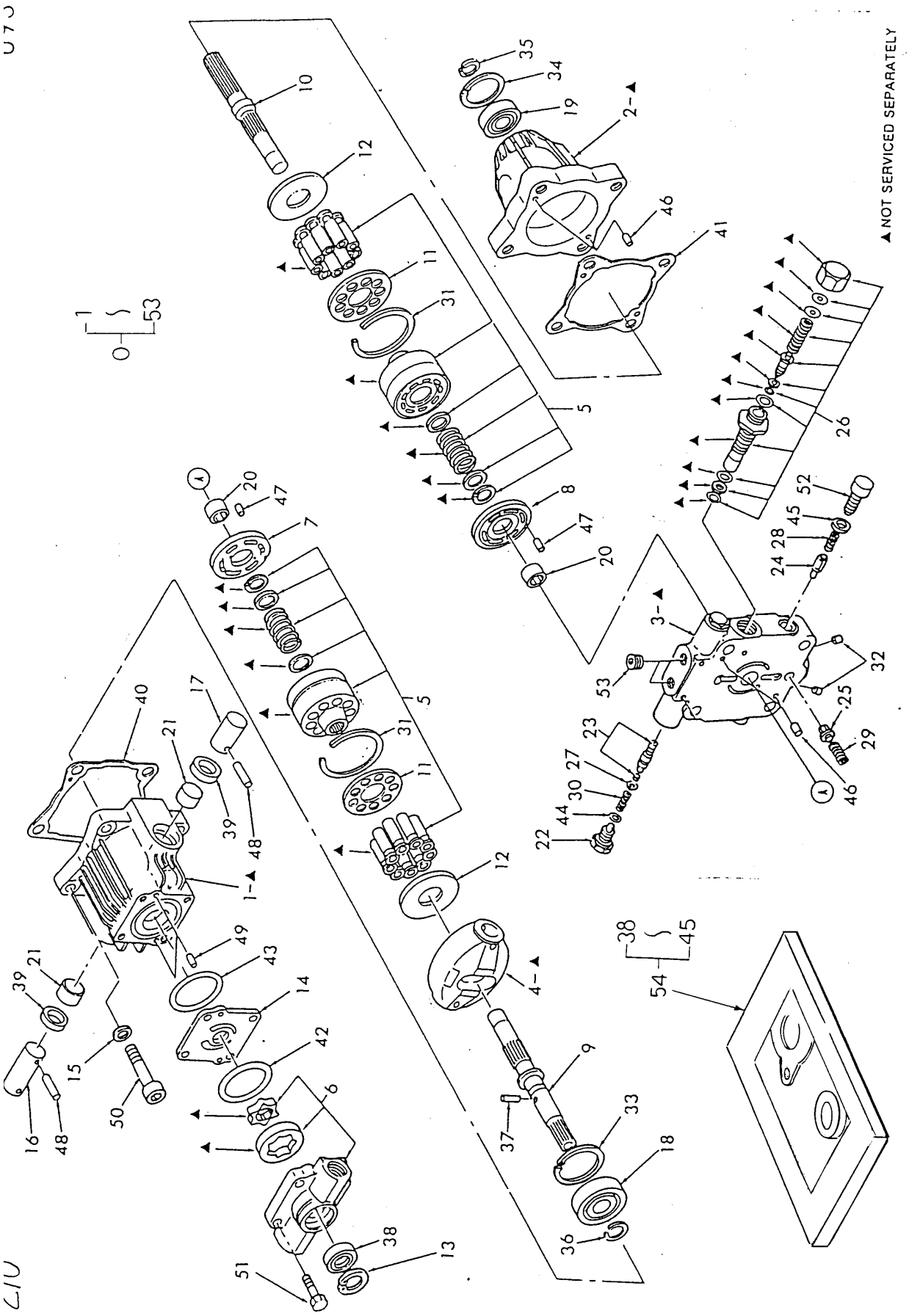
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S408550010	COUPLING	1	
2	S499430900	BOLT	6	
3	S408420010	FAN	1	
4	S011500816	BOLT	1	
5	S026100008	WASHER	10	
6	S408450020	BOSS	1	
12	S408500030	PROPELLER SHAFT	1	
15	S027100008	SPRING WASHER	4	
16	S408450011	FLANGE BOSS	1	
17	S010319807	BOLT	2	
18	S408530011	PLATE	1	
19	S011510860	BOLT	2	
20	S020500008	NUT	2	
21	S499234040	COLLAR	2	

* Not Illustrated


▲ NOT SERVICED SEPARATELY

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
0	S410800011	HST ASSY	1	
5	S410810520	BLOCK SUB ASSY	2	
6	S410810531	PUMP SUB ASSY	1	
7	S410810070	PLATE;VALVE	1	
8	S410810080	PLATE;VALVE	1	
9	S410810090	SHAFT	1	
10	S410810100	SHAFT	1	
11	S410810110	PLATE	2	
12	S410810120	PLATE	2	
13	S036500035	SNAP RING	1	
14	S410810140	PLATE	1	
15	S026200012	WASHER	2	
16	S410810160	PIN;TRANION	1	
17	S410810170	PIN;TRANION	1	
18	S040106304	BALL BEARING	1	
19	S040106303	BALL BEARING	1	
20	S410810180	NEEDLE BEARING	2	
21	S410810190	BUSH	2	
22	S410810200	PLUG	2	
23	S410810210	SPOOL SUB ASSY	2	
24	S410810220	POPPET	2	
25	S410810230	VALVE	1	
26	S410810240	VALVE	1	
27	S410810350	HOLDER;SPRING	2	
28	S410810260	SPRING	2	
29	S410810270	SPRING	1	
30	S410810340	SPRING	2	
31	S410810380	SNAP RING	2	
32	S064400020	PLUG	2	
33	S036500052	SNAP RING	3	
34	S036500047	SNAP RING	1	
35	S036100017	SNAP RING	1	
36	S036100020	SNAP RING	1	
37	S410810290	PIN	1	
46	S410810430	PIN	4	
47	S410810440	SPRING PIN	2	
48	S410810450	SPRING PIN	2	
49	S410810460	PIN	2	
50	S410810470	BOLT	2	
51	S010110830	BOLT	4	
52	S410810480	PLUG	2	
53	S064400030	PLUG	2	
54	S410810510	SEAL KIT	1	

* Not Illustrated

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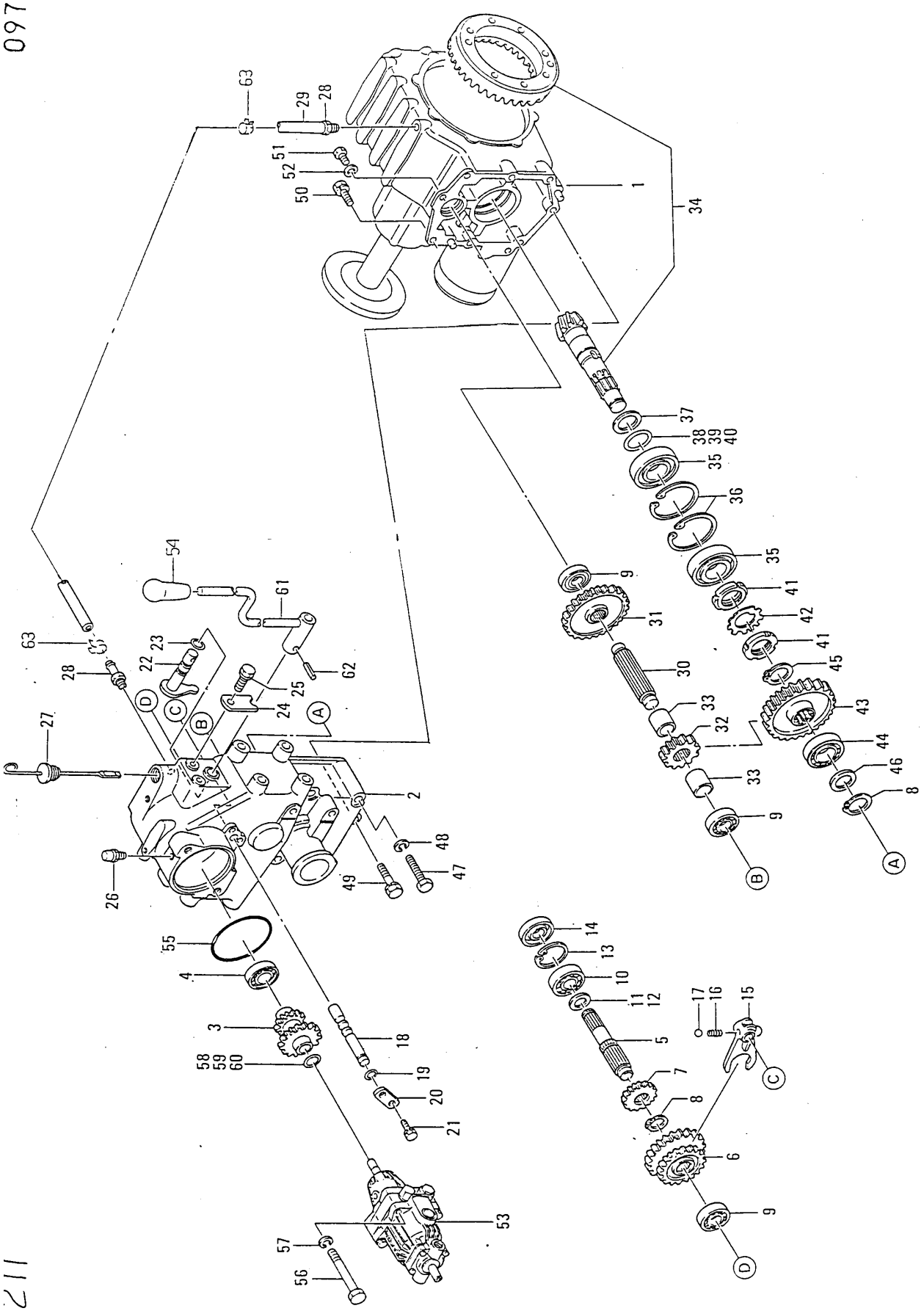
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S410001190	TRANSMISSION ASSY	1	
2	S410110990	TRANSMISSION CASE	1	
3	S413310170	MULTISTAGE GEAR	1	
4	S040106005	BALL BEARING	1	
5	S413410400	MIDDLE SHAFT	1	
6	S413110750	SHIFT GEAR	1	
7	S413161670	SPUR GEAR	1	
8	S036100025	SNAP RING	2	
9	S040106004	BALL BEARING	1	
10	S040106204	BALL BEARING	1	
11	S199280180	SHIM	1	
12	S199280190	SHIM	1	
13	S036500047	SNAP RING	1	
14	S050209829	OIL SEAL	1	
15	S419160430	SHIFTER FORK	1	
16	S498210020	SPRING	1	
17	S048100010	STEEL BALL	1	
18	S419110440	SHIFTER SHAFT	1	
19	S052100100	O-RING	1	
20	S422360110	PLATE	1	
21	S011300612	BOLT	10	
22	S419200130	SHIFT ARM COMPL	1	
23	S052100110	O-RING	1	
24	S422380030	STOPPER	1	
25	S011500812	BOLT	1	
26	S410710010	BREATHER	1	
27	S498400010	GAUGE COMPL	1	
28	S454650010	ADAPTOR	2	
29	S498160010	HOSE	1	
30	S413270060	SHAFT	1	
31	S413170610	GEAR WITH BOSS	1	
32	S413161680	SPUR GEAR	1	
33	S499234020	COLLAR	2	
34	S413040010	DRIVE PINION ASSY	1	
35	S042530207	TAPER ROLLER BEARIN	2	
36	S036500072	SNAP RING	2	
37	S199260050	WASHER, THRUST	1	
38	S199280530	SHIM	1	
39	S199280540	SHIM	1	
40	S199280550	SHIM	1	
41	S022700350	LOCK NUT	2	
42	S028100350	LOCK WASHER	1	
43	S413170620	GEAR WITH BOSS	1	
44	S040106305	BALL BEARING	1	
45	S036100030	SNAP RING	1	
46	S499210740	SPACER	1	

* Not Illustrated

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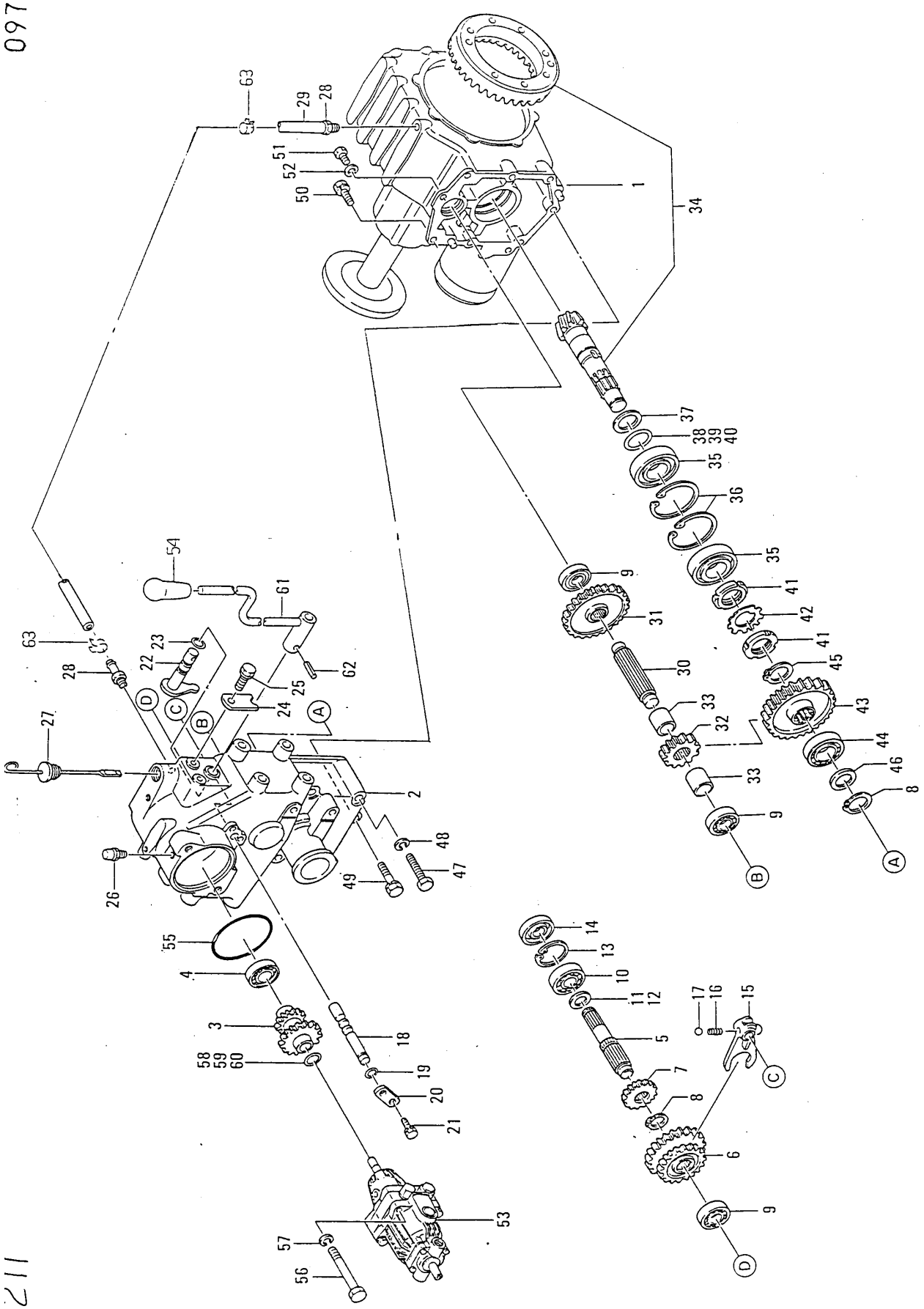
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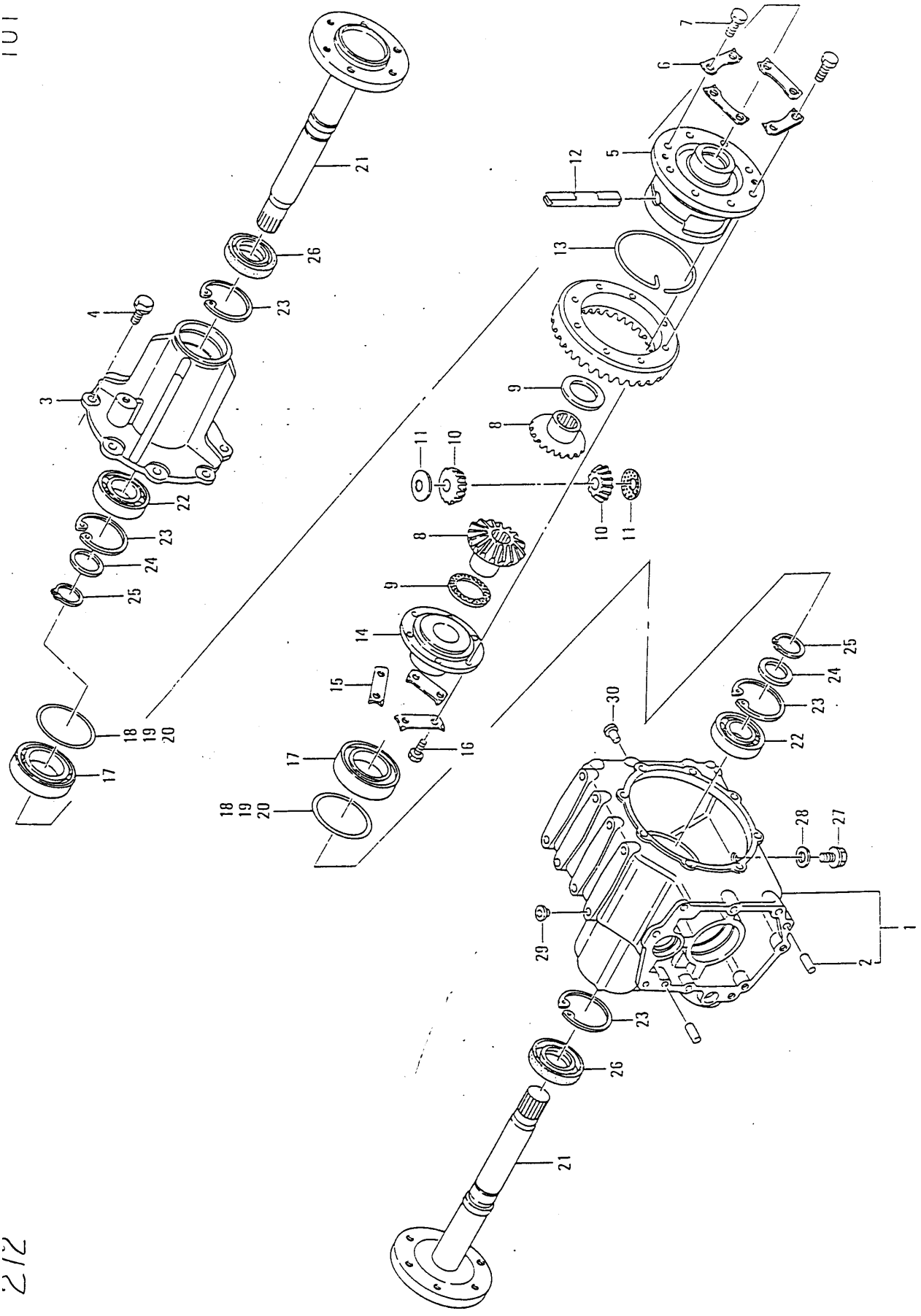
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
47	S010311095	BOLT	4	
48	S027100010	SPRING WASHER	4	
49	S011511060	BOLT	1	
50	S011511020	BOLT	2	
51	S010310820	BOLT	1	
52	S025100008	SEAL WASHER	1	
53	S410800011	HST ASSY	1	
54	S398180880	GRIP	1	
55	S052400950	O-RING	1	
56	S010701285	BOLT	2	
57	S027100012	SPRING WASHER	2	
58	S199280150	SHIM	1	
59	S199280160	SHIM	1	
60	S199280310	SHIM	1	
61	S422150461	CHANGE LEVER	1	
62	S030300625	SPRING PIN	1	
63	S298340090	CLIP	2	

* Not Illustrated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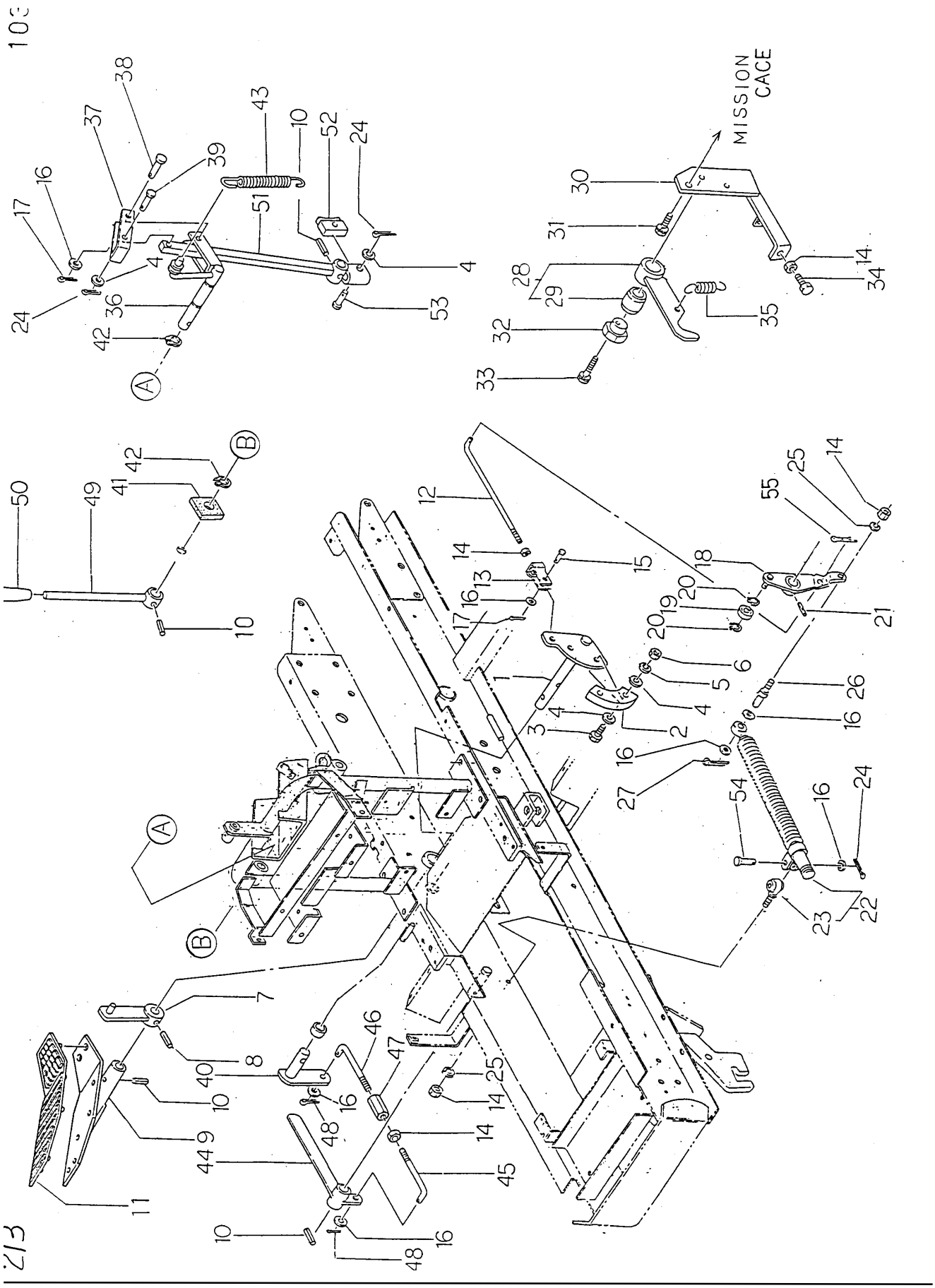
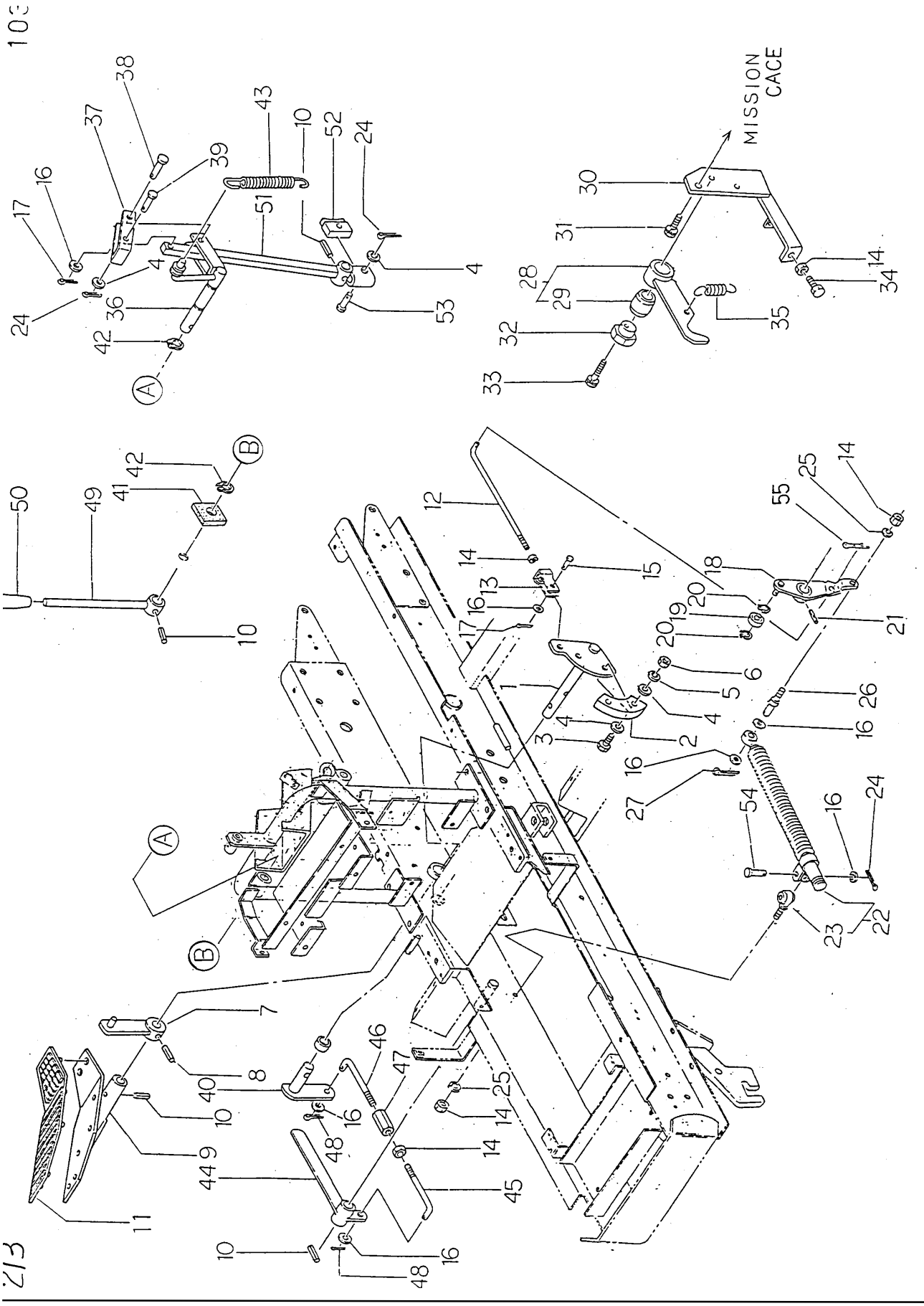
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S427020010	CASING ASSY	1	
2	S030501025	DOWEL PIN	2	
3	S427340020	WHEEL SHAFT CASE	1	
4	S011511020	BOLT	8	
5	S427110010	DIFF. HOUSING	1	
6	S410130040	WASHER	4	
7	S010111020	BOLT	8	
8	S326140041	DIFF GEAR	2	
9	S399261330	THRUST WASHER	2	
10	S326160041	DIFF PINION	2	
11	S399260270	THRUST WASHER	2	
12	S427130010	PINION SHAFT	1	
13	S498340100	CLIP	1	
14	S427110020	DIFF. HOUSING	1	
15	S410130050	WASHER	3	
17	S040106211	BALL BEARING	2	
18	S199280870	SHIM	2	
19	S199280880	SHIM	2	
20	S199280890	SHIM	2	
21	S427300010	WHEEL SHAFT	2	
22	S040106207	BALL BEARING	2	
23	S036500072	SNAP RING	4	
24	S499210820	SPACER	2	
25	S036100035	SNAP RING	2	
26	S050209830	OIL SEAL	2	
27	S064600016	PLUG	1	
28	S025100016	SEAL WASHER	1	
29	S398460020	BLANK PLUG	1	
30	S398460040	BLANK PLUG	8	

* Not Illustrated


MISSION CASE

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S434150021	BRAKE DISC	1	
2	S328110101	BRAKE LINING	1	
3	S010100620	BOLT	2	
4	S026100006	WASHER	3	
5	S027100006	SPRING WASHER	2	
6	S020100006	NUT	2	
7	S445600061	LEVER	1	
8	S030300632	SPRING PIN	1	
9	S458100010	HST PEDAL	1	
10	S030300625	SPRING PIN	4	
11	S498110441	RUBBER	1	
12	S454130080	ROD	1	
13	S358550030	FORK JOINT	1	
14	S020500008	NUT	4	
15	S031310820	PIN	1	
16	S026100008	WASHER	7	
17	S030102520	SPLIT PIN	3	
18	S422500011	ARM;A	1	
19	S040146000	BALL BEARING	1	
20	S036100010	SNAP RING	2	
21	S030300628	SPRING PIN	1	
22	S378910020	DANPER ASSY	1	
23	S334800370	END BOLT	1	
24	S030102016	SPLIT PIN	1	
25	S027100008	SPRING WASHER	4	
26	S499611200	PIN	1	
27	S030103216	SPLIT PIN	1	
28	S422050030	ARM ASSY	1	
29	S498510320	BUSH	1	
30	S422550010	BASE	1	
31	S011500816	BOLT	2	
32	S422530011	BOSS	1	
33	S011500845	BOLT	1	
34	S010300835	BOLT	1	
35	S498221080	SPRING	1	
36	S432450150	ARM	1	
37	S434450010	PLATE	1	
38	S031310835	PIN	1	
39	S031310635	PIN	1	
40	S434400050	LEVER	1	
42	S036100015	SNAP RING	2	
43	S498221060	SPRING	1	
44	S434400061	LEVER	1	
45	S544130030	ROD	1	
46	S454130040	ROD	1	
47	S399160020	TURN BUCKLE	1	

* Not Illustrated


MISSION
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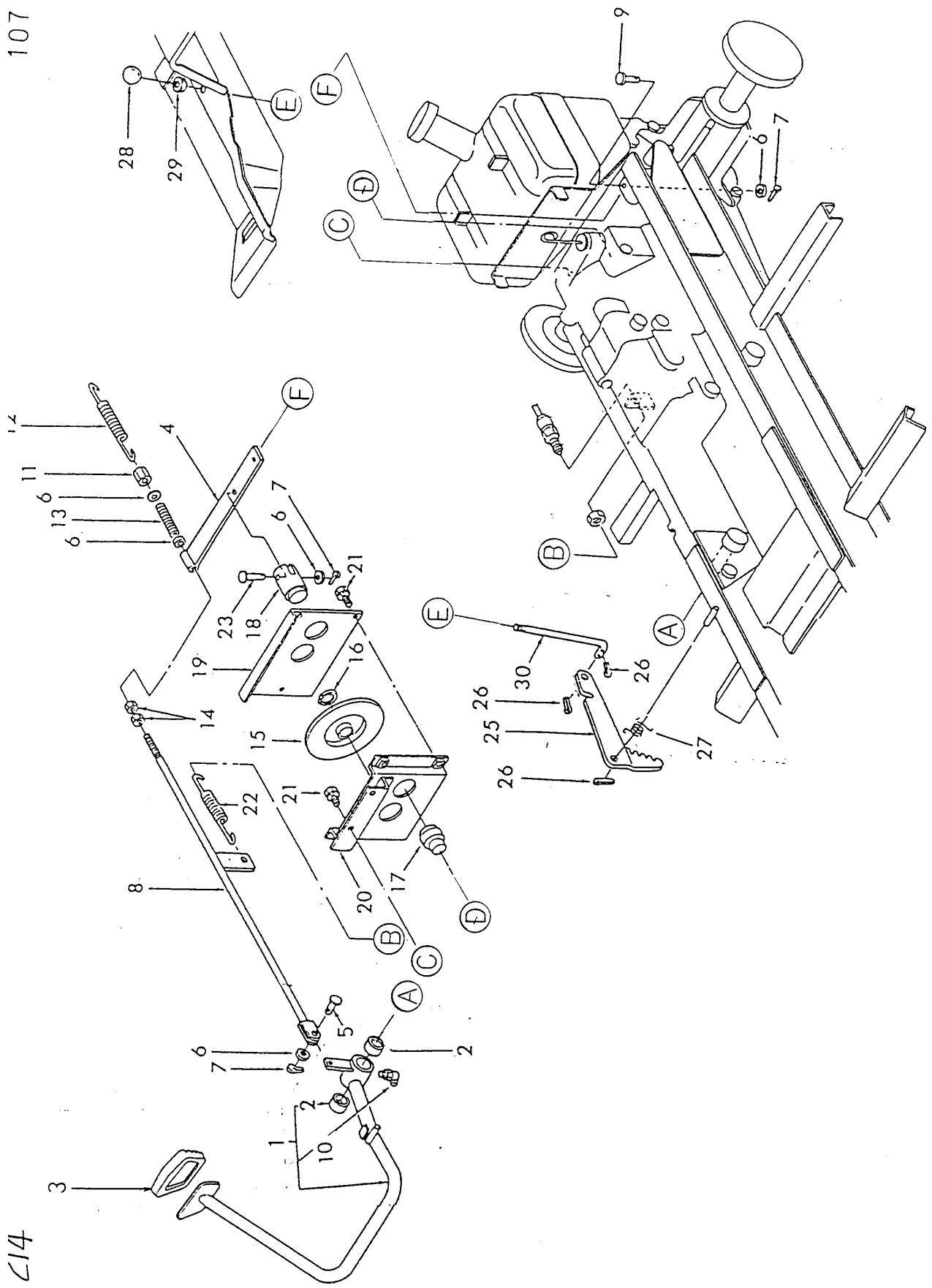
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
48	S030103020	SPLIT PIN	1	
49	S432300410	LEVER	1	
50	S398180880	GRIP	1	
51	S434400010	BRAKE LEVER	1	
52	S328100131	BRAKE SHOE	1	
53	S031310620	PIN	1	
54	S031310825	PIN	1	
55	S031109020	SNAP PIN	1	

* Not Illustrated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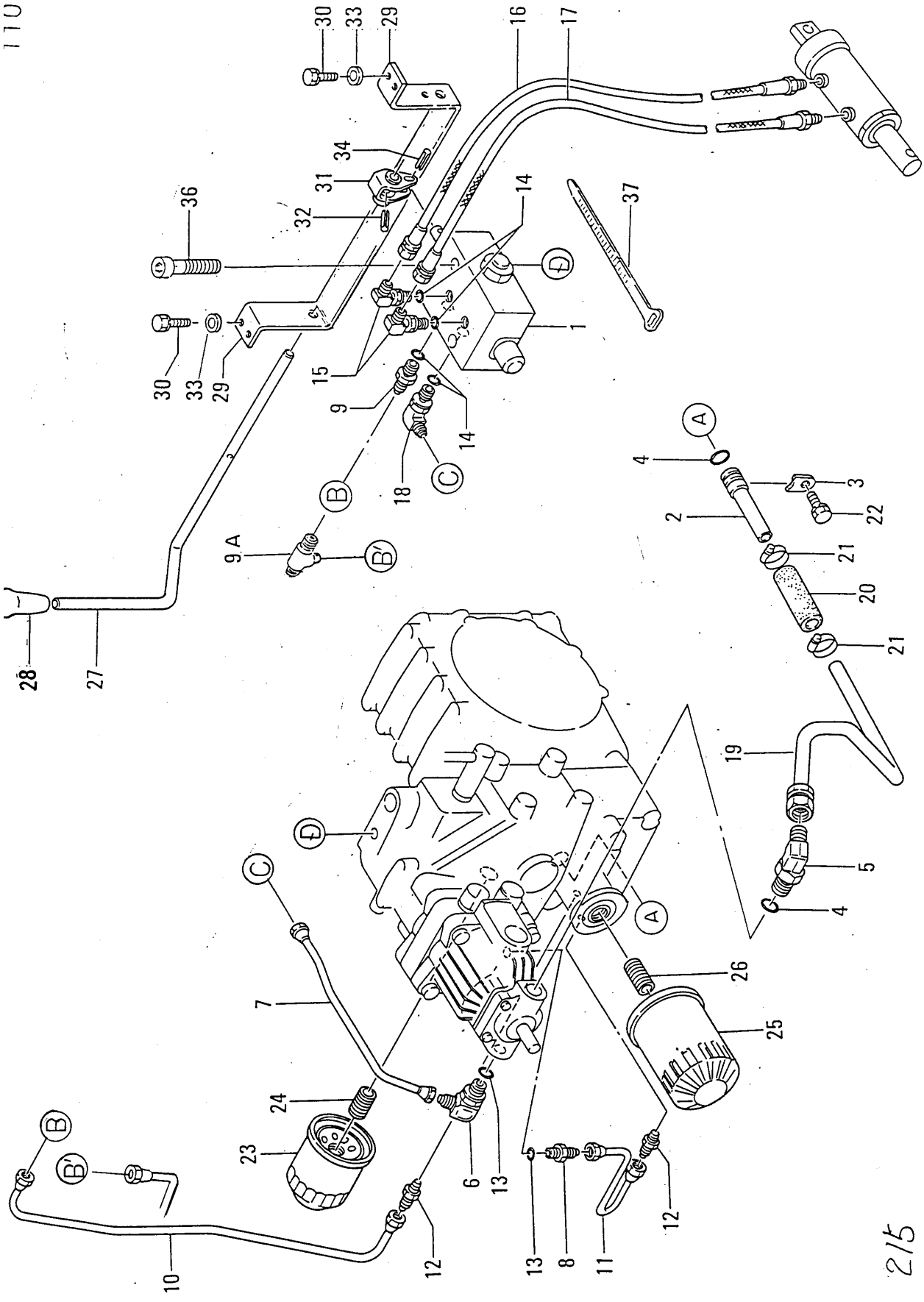
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S434010042	BRAKE ASSY	1	
2	S398510860	BUSH	2	
3	S498110850	RUBBER	1	
4	S434400031	BRAKE LEVER	1	
5	S031310820	PIN	1	
6	S026100008	WASHER	5	
7	S030102520	SPLIT PIN	3	
8	S434600012	ROD	1	
9	S031310825	PIN	1	
10	S060630000	GREASE NIPPLE	1	
11	S499370360	NUT	1	
12	S498221300	SPRING	1	
13	S498221110	SPRING	1	
14	S020500008	NUT	2	
15	S434150011	BRAKE DISC	1	
16	S036100020	SNAP RING	1	
17	S434180011	PAD(1)	1	
18	S434180021	PAD(2)	1	
19	S434500010	COVER	1	
20	S434500020	COVER	1	
21	S011300612	BOLT	5	
22	S498221171	SPRING	1	
23	S031310840	PIN	1	
25	S434670040	LEVER	1	
26	S030103025	SPLIT PIN	3	
27	S498221240	SPRING	1	
28	S498180290	GRIP	1	
29	S497860250	BUSH	1	
30	S434600020	ROD	1	

* Not Illustrated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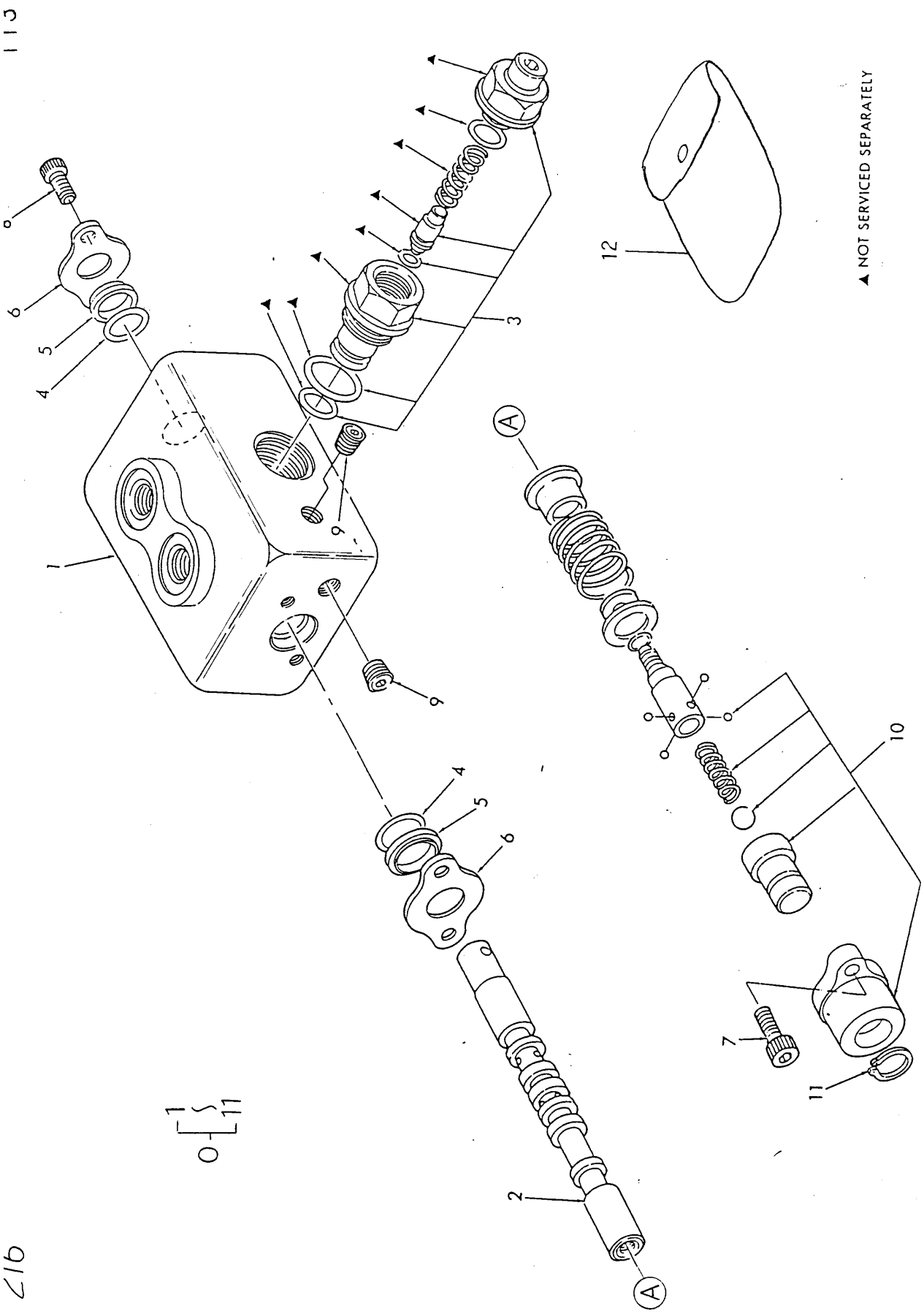
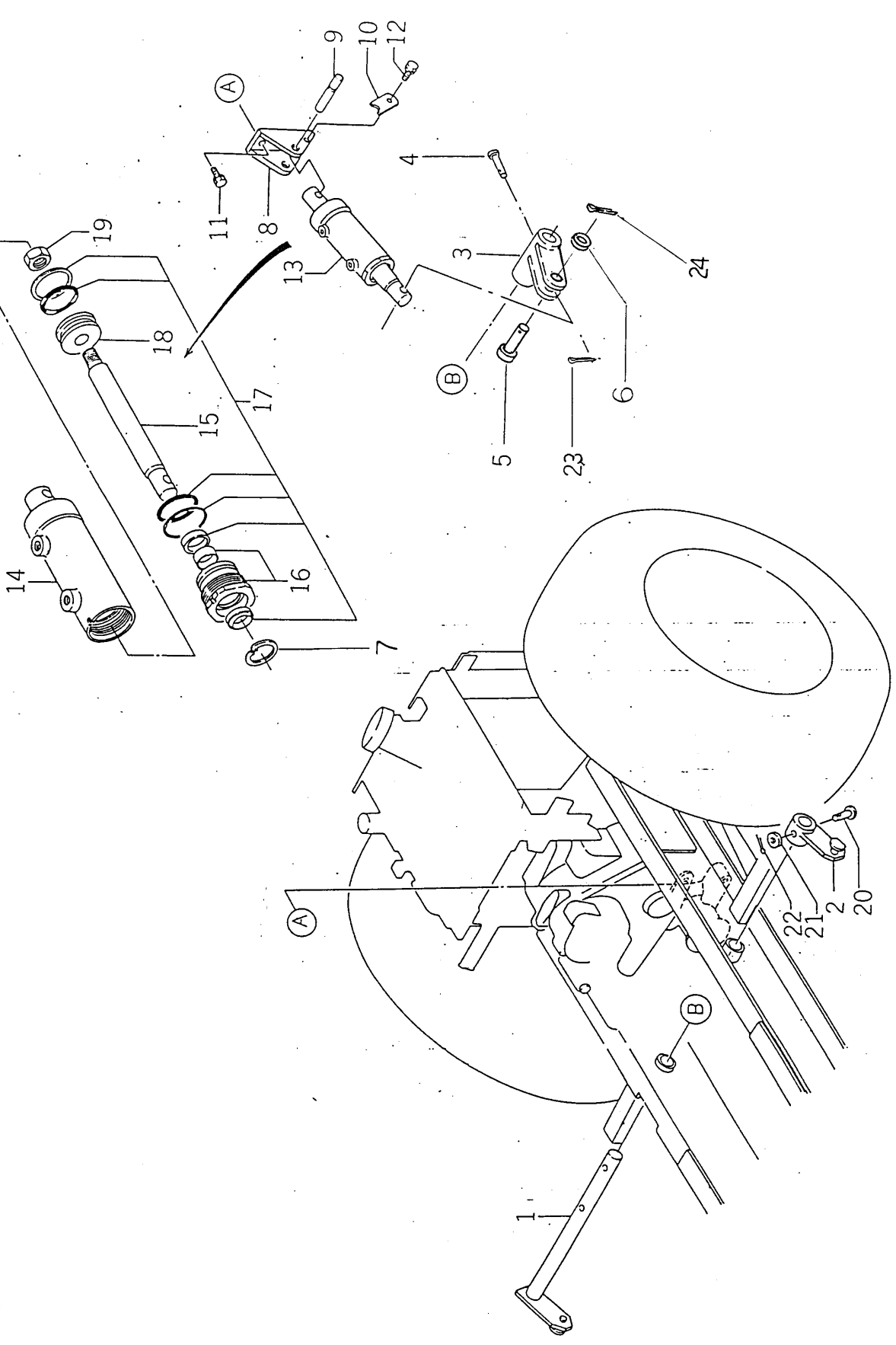
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S454010060	CONTROL VALVE ASSY	1	
2	S454610060	PIPE	1	
3	S454270020	PLATE	1	
4	S052100180	O-RING	2	
5	S454670020	ADAPTOR	1	
6	S454670080	ADAPTOR	1	
8	S340671220	ADAPTOR	1	
10	S454600220	OIL PIPE COMPL	1	
11	S454600090	OIL PIPE COMPL	1	
12	S340670870	ADAPTOR	2	
13	S052100140	O-RING	2	
14	S052100110	O-RING	4	
15	S454670050	ADAPTOR	2	
16	S454600110	OIL PIPE COMPL	1	
17	S454600120	OIL PIPE COMPL	1	
18	S454670090	ADAPTOR	1	
19	S454600101	OIL PIPE COMPL	1	
20	S498160030	HOSE	1	
21	S067100023	HOSE BAND	2	
22	S011500812	BOLT	1	
23	S454520010	OIL FILTER	1	
24	S454630010	JOINT	1	
25	S340500371	OIL FILTER	1	
26	S140546040	JOINT, FILTER	1	
27	S454100020	LEVER;LIFT	1	
28	S498180090	GRIP	1	
29	S454250030	LEVER GUIDE	1	
30	S011300616	BOLT	4	
31	S450250390	BOSS	1	
32	S030300522	SPRING PIN	1	
33	S026100006	WASHER	4	
34	S030300525	SPRING PIN	1	
36	S010700845	BOLT	2	
37	S499110320	BAND	1	
9A	S454670100	ADAPTOR	1	

* Not Illustrated


▲ NOT SERVICED SEPARATELY

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
0	S454010060	BALVE ASSY	1	
3	S493000019	VALVE ASSY	1	
4	S454180003	O-RING	2	
5	S340292000	WIPER	2	
6	S340291980	SEAL PLATE	2	
7	S010700618	BOLT	2	
8	S010700610	BOLT	2	
9	S064400010	PLUG	2	
10	S493000015	KIT, DETENT	1	
11	S036100015	SNAP RING	1	
12	S493000003	KIT, SEAL	1	

* Not Illustrated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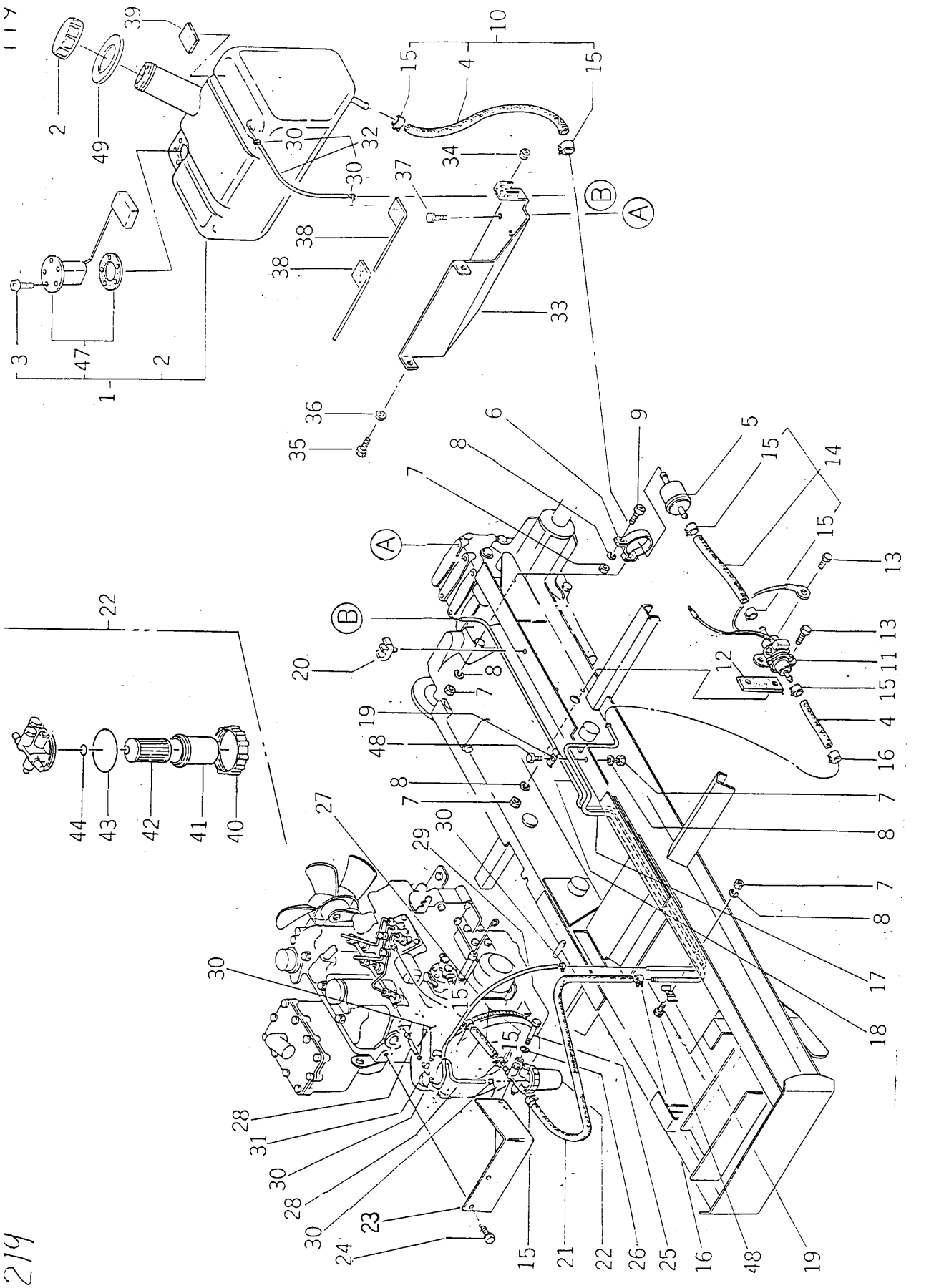
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S470350011	ARM SHAFT	1	
2	S470350021	ARM	1	
3	S470300020	BRACKET	1	
4	S031311245	PIN	1	
5	S031319833	PIN	1	
7	S493010015	SNAP RING	1	
8	S470220020	BRACKET	1	
9	S470910020	PIN	1	
10	S422380030	STOPPER	1	
11	S011511025	BOLT	2	
12	S011500812	BOLT	1	
13	S454950060	CYLNDER	1	
14	S493010004	CYLNDER TUBE ASSY	1	
16	S493010017	CYLNDER HEAD KIT	1	
17	S493010016	CYLNDER REPAIR KIT	1	
19	S022500016	NUT	1	
20	S031311045	PIN	1	
21	S026100010	WASHER	1	
22	S030103020	SPLIT PIN	2	
23	S031109021	SNAP PIN	1	
24	S030103025	SPLIT PIN	1	

* Not Illustrated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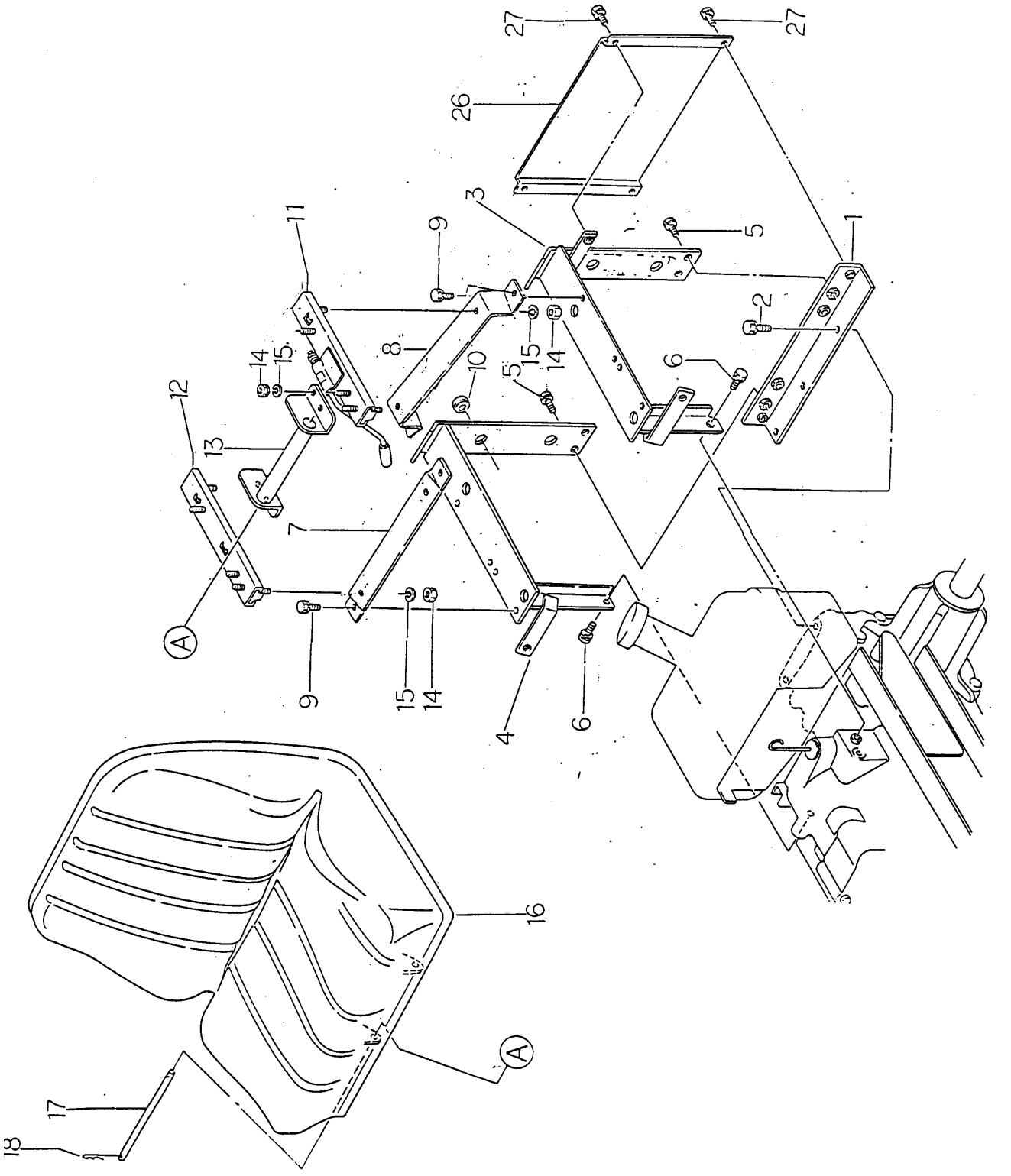
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S460010050	TANK ASSY	1	
2	S462050020	TANK CAP ASSY	1	
3	S011150520	BOLT	5	
4	S460770110	FUEL PIPE	2	
5	S460720020	FILTER STRAINER	1	
6	S460150030	PLATE	1	
7	S020100006	NUT	4	
8	S027100006	SPRING WASHER	4	
9	S010100625	BOLT	1	
10	S4607550080	FUEL PIPE ASSY	1	
11	S485510011	FUEL PUMP	1	
12	S498110600	RUBBER	1	
13	S015600620	SCREW	2	
14	S460750090	FUEL PIPE ASSY	1	
15	S067200130	HOSE CLIP	8	
16	S398750430	BAND	2	
17	S460770130	FUEL PIPE(D)	1	
18	S460770140	FUEL PIPE	1	
19	S498340110	SNAP RING	2	
20	S499110390	WIRE HOLDER	1	
21	S360770380	FUEL PIPE	1	
22	S360700060	FUEL FILTER	1	
23	S460150061	STAY(D)	1	
24	S011500816	BOLT	2	
25	S010300845	BOLT	1	
26	S027100008	SPRING WASHER	4	
27	S360750650	FUEL PIPE ASSY	1	
28	S068204125	HOSE	2	
29	S068204280	HOSE	1	
30	S067200078	HOSE CLIP	8	
31	S198480240	CONNECTOR	1	
32	S460750060	FUEL PIPE ASSY	1	
33	S460500030	HOLDER, TANK	1	
34	S398110240	RUBBER	8	
35	S011300616	BOLT	2	
36	S026100006	WASHER	2	
37	S011500814	BOLT	4	
38	S498110710	RUBBER	2	
39	S498110720	RUBBER	3	
42	S360720020	FILTER ELEMENT	1	
43	S052100400	O-RING	1	
44	S052100100	O-RING	1	
47	S485220210	SWITCH	1	
48	S010100616	BOLT	2	
49	S498110900	RUBBER	1	

* Not Illustrated



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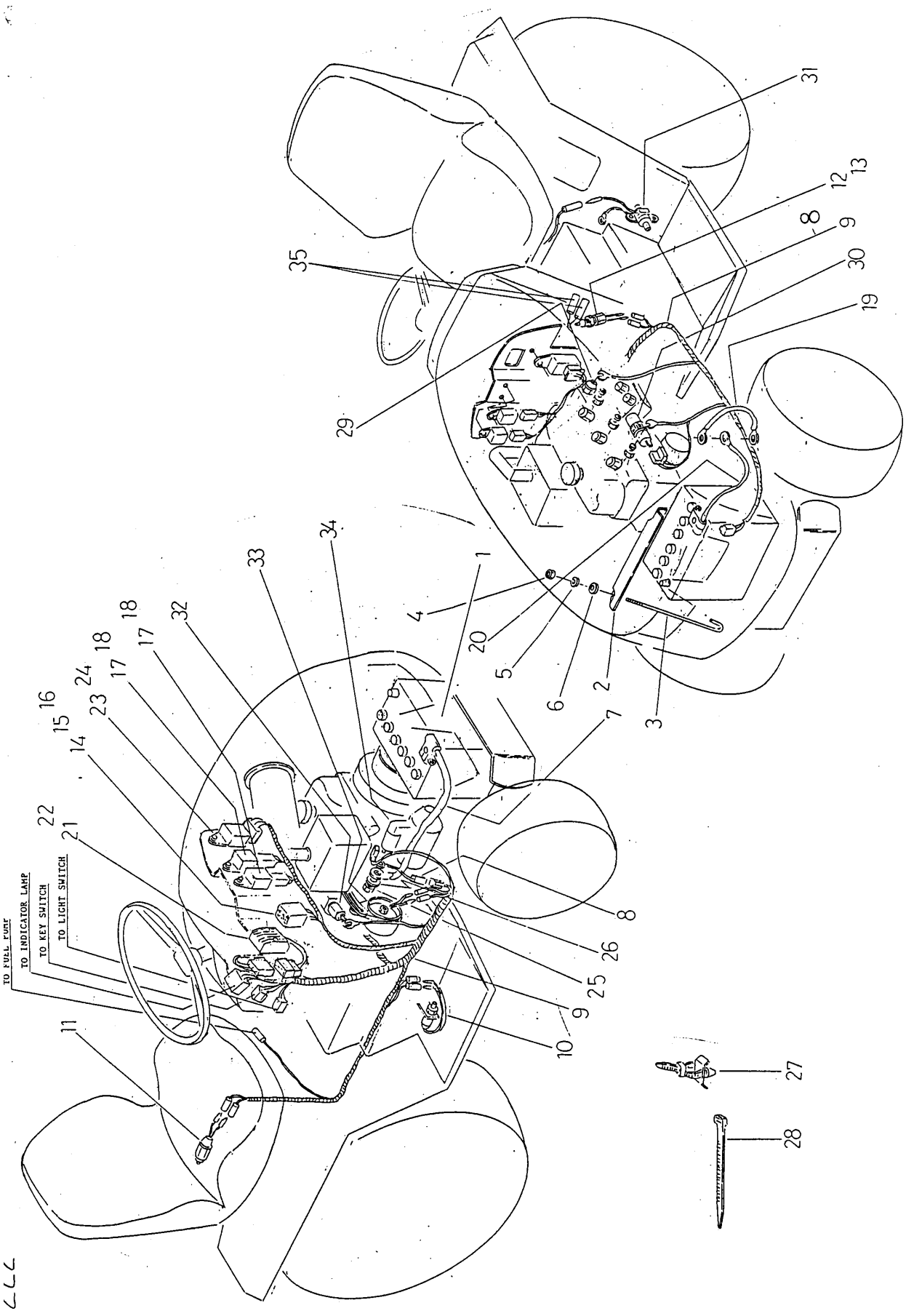
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S464750070	BRACKET	1	
2	S011501020	BOLT	2	
3	S464750081	SEAT SUPPORT	1	
4	S464750090	SEAT SUPPORT;R	1	
5	S011511025	BOLT	4	
6	S011510816	BOLT	2	
7	S464810120	STAY	1	
8	S464810140	STAY	1	
9	S011510820	BOLT	4	
10	S498130270	SPONGE	4	
11	S464750140	SEAT SUPPORT	1	
12	S464750150	SEAT SUPPORT	1	
13	S464750190	SEAT SUPPORT	1	
14	S020500008	NUT	10	
15	S027100008	SPRING WASHER	4	
16	S464700012	SEAT	1	
17	S464770010	BAR	1	
18	S031100010	SNAP PIN	2	
19	S464750170	SEAT SUPPORT	1	
20	S498221580	SPRING	1	
21	S026100008	WASHER	3	
22	S030102520	SPLIT PIN	3	
23	S498211540	SPRING	2	
24	S011500820	BOLT	2	
25	S436250050	LEVER	1	
26	S464190090	COVER	1	
27	S011500816	BOLT	4	
28	S398511710	BUSH	1	
29	S026100010	WASHER	2	

* Not Illustrated


TO FUEL PUMP
TO INDICATOR LAMP
TO KEY SWITCH
TO LIGHT SWITCH
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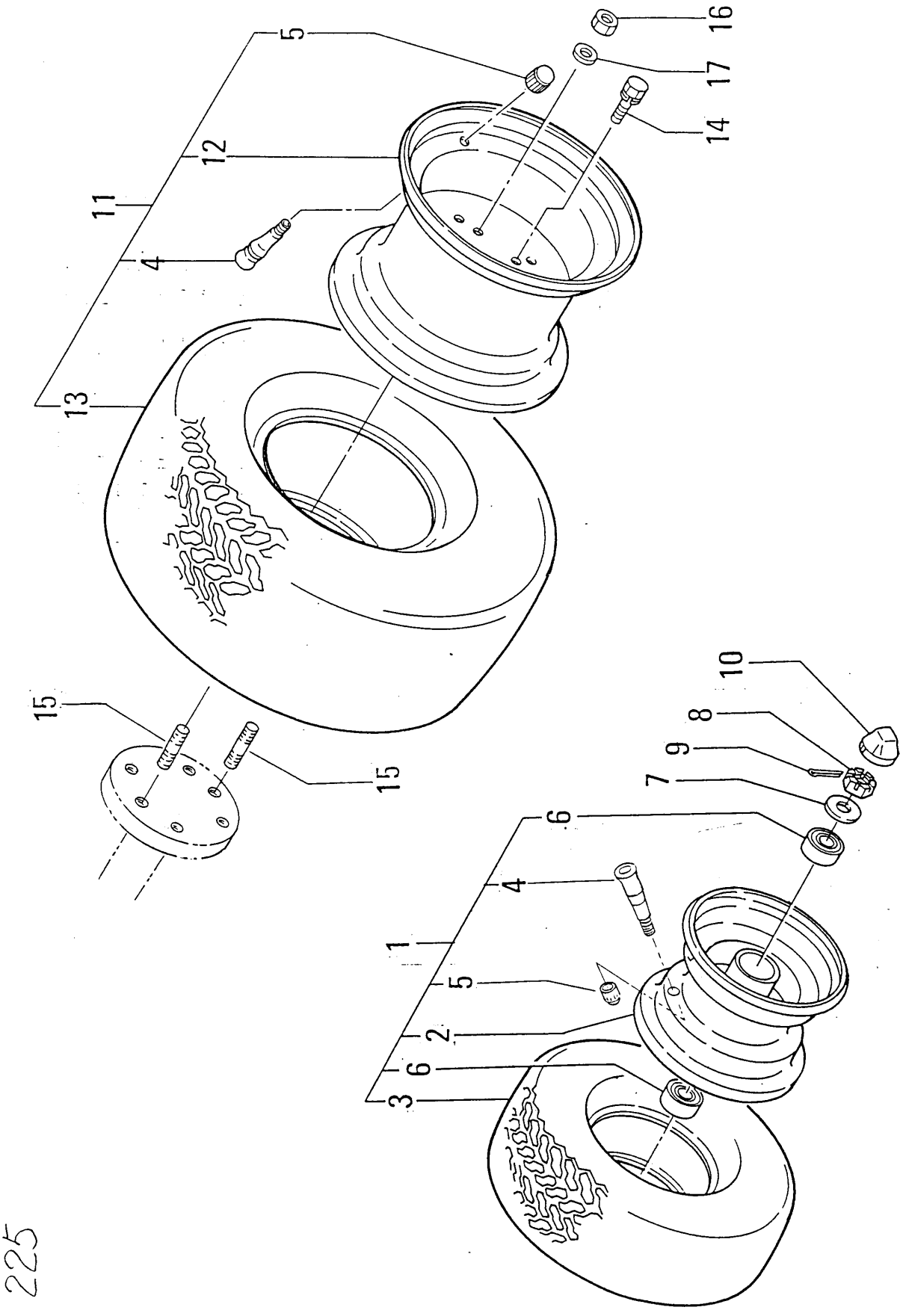
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S489200110	BATTERY	1	
2	S389310120	BATTERY HOLDER	1	
3	S389320140	BATTERY ROD	2	
4	S020100006	NUT	2	
5	S027100006	SPRING WASHER	2	
6	S799210195	SPACER	2	
7	S489300131	BATTERY CABLE	1	
9	S485230510	HARNESS;MAIN	1	
10	S485220180	SWITCH ASSY	1	
11	S385201060	SWITCH ASSY	1	
12	S385200891	SWITCH ASSY	1	
13	S385240038	NUT	1	
17	S385230220	RELAY	2	
18	S011140612	BOLT	2	
19	S485230080	HARNESS	1	
20	S385650130	BATTERY CABLE	1	
21	S185516061	REGULATER	1	
22	S011150625	BOLT	2	
23	S385870300	GLOW CONTROLER	1	
24	S011140616	BOLT	1	
25	S020700008	NUT	1	
26	S499340440	WASHER	1	
27	S499110320	BAND	3	
28	S398750120	BAND	1	
28	S398750220	BAND	2	
28	S398750150	BAND	4	
29	S185246060	OIL PRESSER	1	
30	S185206160	SOLENOIDE	1	
31	S485510011	FUEL PUMP	1	
32	S385720030	SENSOR	1	
33	S185046210	ALTER NATOR	1	
34	S185086540	STARTER ASSY	1	

* Not Illustrated



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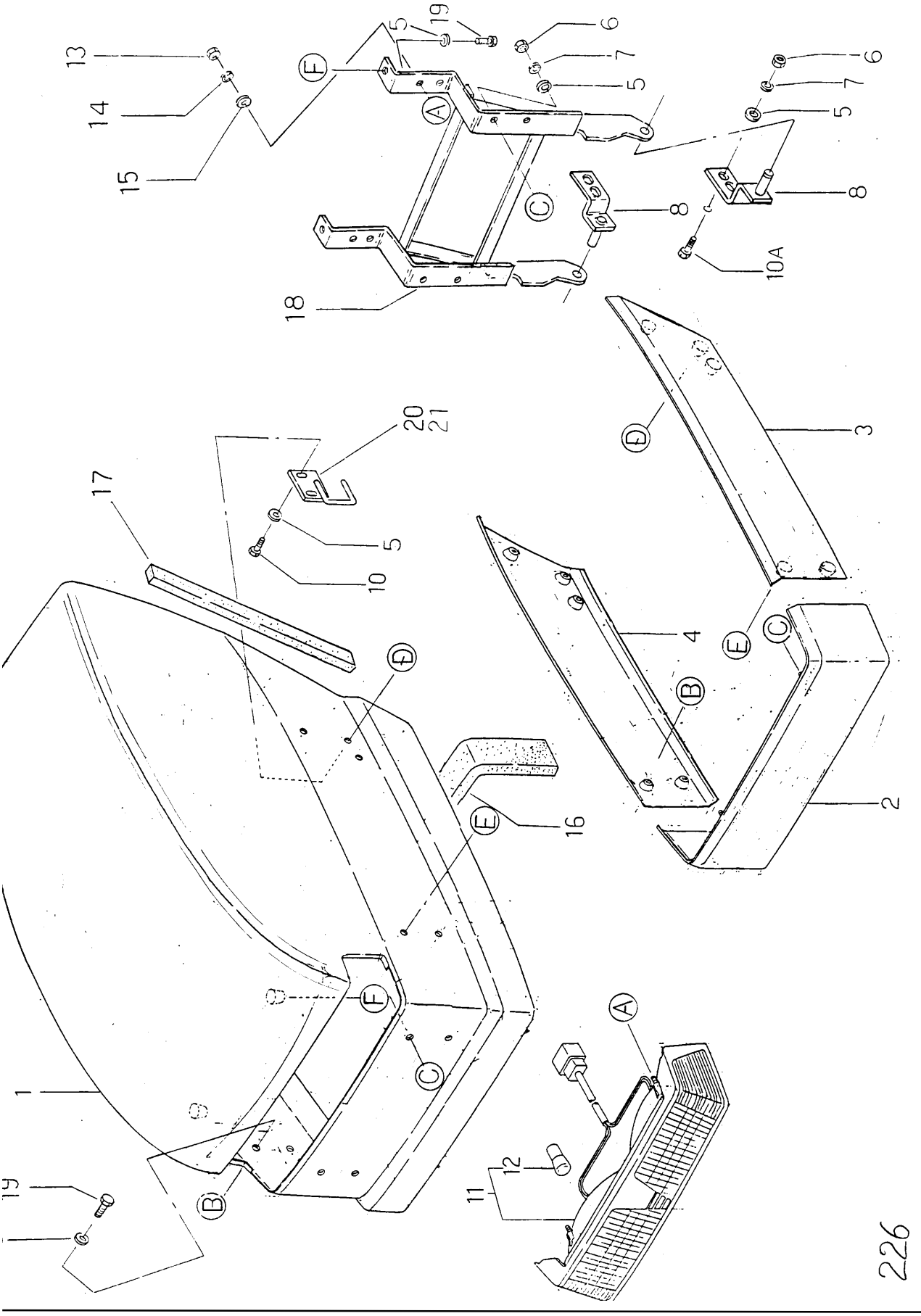
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S450011260	TIRE ASSY	2	
2	S450140840	WHEEL	2	
3	S450110250	TIRE	1	
4	S336170010	VALVE	1	
5	S336180030	CAP	4	
6	S040146205	BALL BEARING	4	
7	S026100020	WASHER	2	
8	S022100020	CASTLE NUT	2	
9	S030104036	SPLIT PIN	2	
10	S450170270	CAP	2	
11	S450011270	TIRE ASSY	2	
12	S450140830	WHEEL	2	
13	S450110260	RTIRE	2	
14	S011311025	BOLT	8	
15	S012111020	STUD BOLT	4	
16	S020210010	NUT	4	
17	S027100010	SPRING WASHER	4	

* Not Illustrated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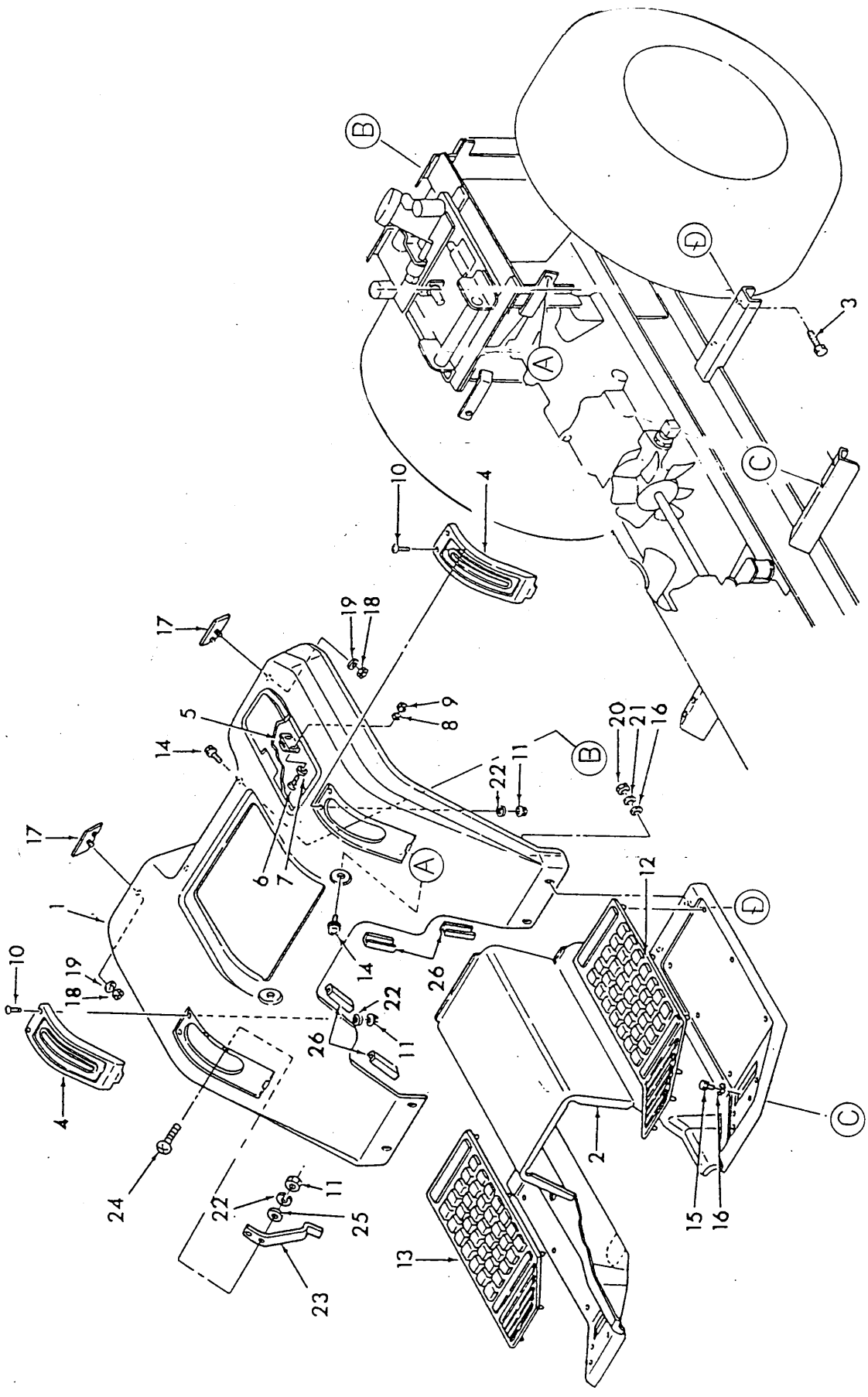
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S462100190	BONNET	1	
2	S462150110	FRONT MASK	1	
3	S462650110	GUARD (L)	1	
4	S462650120	GUARD (R)	1	
5	S026100008	WASHER	20	
6	S020500008	NUT	8	
7	S027100008	SPRING WASHER	8	
8	S489100070	PLATE	2	
11	S485010090	HEAD LIGHT ASSY	1	
12	S385120700	BULB	2	
13	S020100006	NUT	4	
14	S027100006	SPRING WASHER	4	
15	S026100006	WASHER	4	
16	S498130190	FELT SPONGE	1	
17	S498130060	FELT	2	
18	S485150040	LIGHT STAY	1	
19	S011500816	BOLT	8	
20	S462350340	SUPPORT;L	1	
21	S462350320	SUPPORT;R	1	
10A	S010300820	BOLT	4	

* Not Illustrated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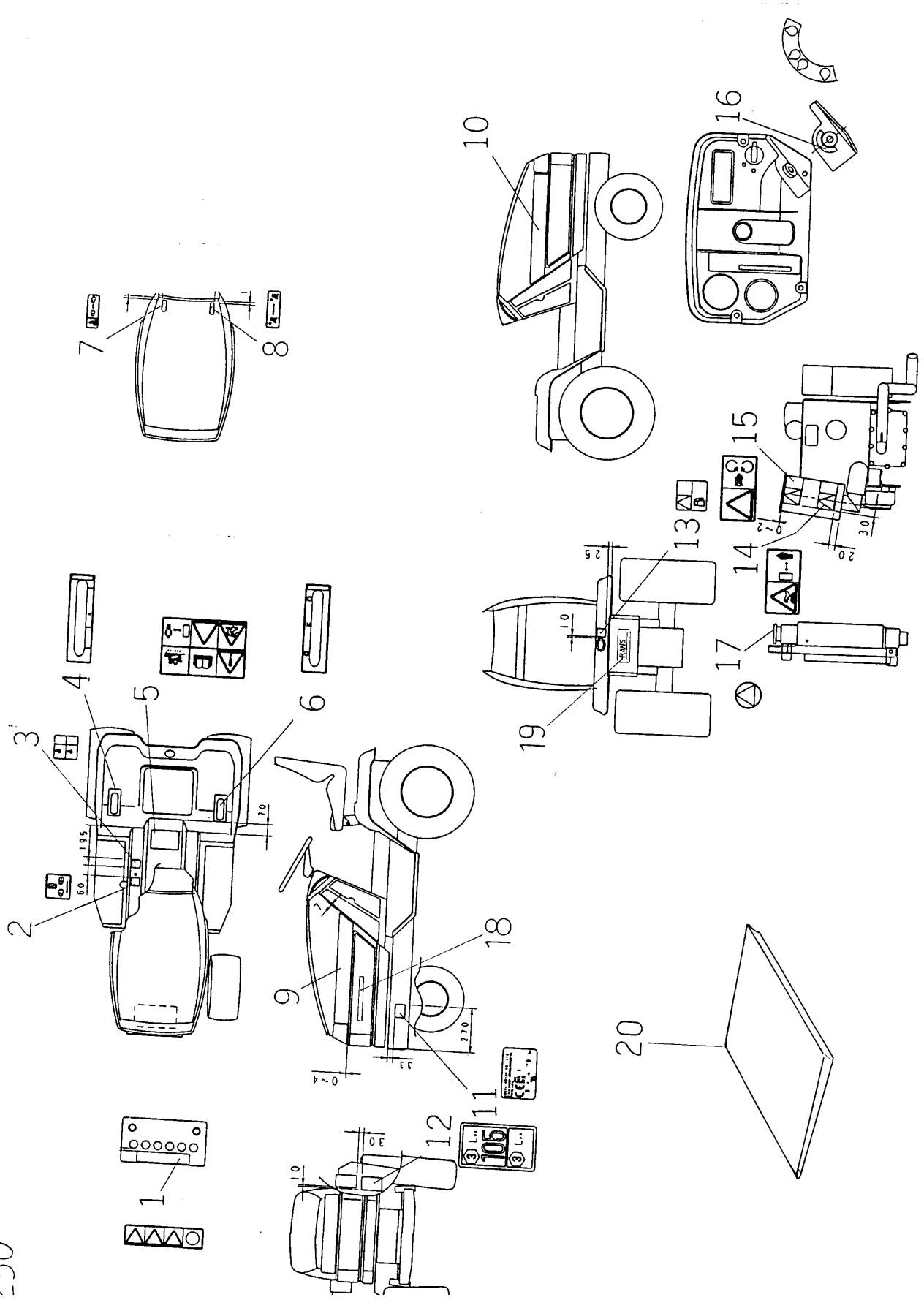
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S464010790	FENDER ASSY	1	
2	S464600210	STEP	1	
3	S010300820	BOLT	4	
4	S464190050	COVER	2	
5	S398330250	FASTENER	1	
6	S015100310	SCREW	2	
7	S026100003	WASHER	2	
8	S027100003	SPRING WASHER	2	
9	S020100003	NUT	2	
10	S015100520	SCREW	4	
11	S020100005	NUT	6	
12	S498110520	RUBBER	1	
13	S498110530	RUBBER	1	
14	S015150816	SCREW	4	
15	S011500816	BOLT	4	
16	S026100008	WASHER	8	
17	S485320010	REFLECTOR	2	
18	S020100006	NUT	2	
19	S027100006	SPRING WASHER	2	
20	S020500008	NUT	4	
21	S027100008	SPRING WASHER	4	
22	S027100005	SPRING WASHER	6	
23	S440140041	STOPPER	1	
24	S015100514	SCREW	2	
25	S026100005	WASHER	2	
26	S497860220	SUPPORTER	4	

* Not Illustrated



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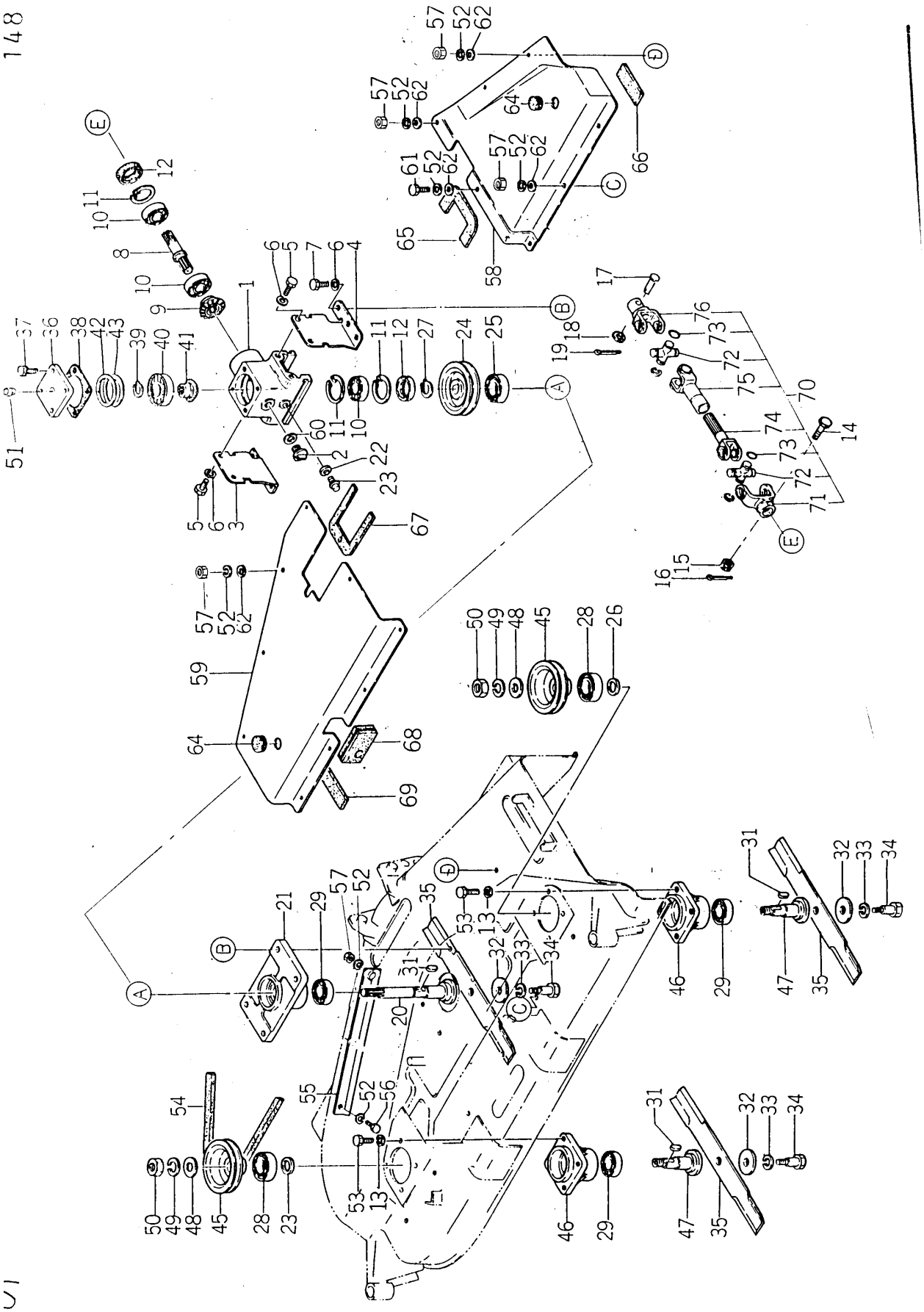
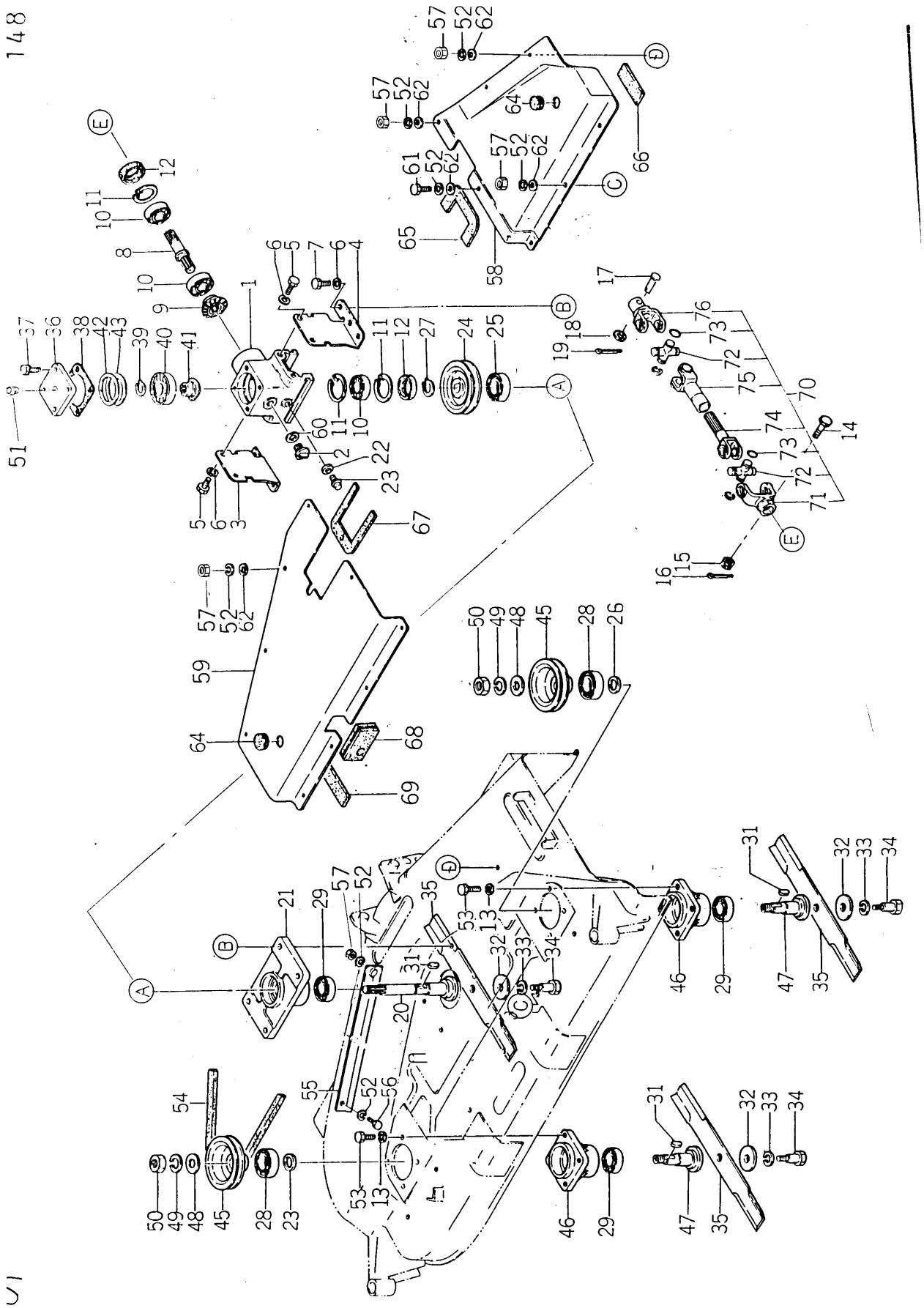
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S495020790	TOOL KIT	1	
2	S195680010	BAG, TOOL	1	
3	S092409000	DRIVER	1	
4	S090101012	SPANNER	1	
5	S090101417	SPANNER	1	
6	S400811880	INSTRUCTION BOOK	1	
8	S400910180	ASSEMBLY MANUAL	1	
1	S490992480	CAUTION PLATE	1	
2	S490670540	MARK	1	
3	S490992420	CAUTION PLATE	1	
4	S490770090	MARK	1	
5	S490992450	PLATE	1	
6	S490220210	CHANGE MARK	1	
7	S490220230	CHANGE MARK	1	
8	S490220220	CHANGE MARK	1	
9	S490320820	MARK;BONNET L.H	1	
10	S490320830	MARK;BONNET R.H	1	
11	*	ID PLATE	1	
12	S490620160	MARK;SAUND LEVEL	1	
13	S490992430	CAUTION PLATE	1	
14	S490992440	CAUTION PLATE	1	
15	S490992470	CAUTION PLATE	1	
16	S490992460	CAUTION PLATE	1	
17	S490992490	CAUTION PLATE	1	
18	S490320840	NAME PLATE	2	
19	S490320810	NAME PLATE;REAR	1	
20		OPERATOR'S MANUAL	1	

* Not Illustrated



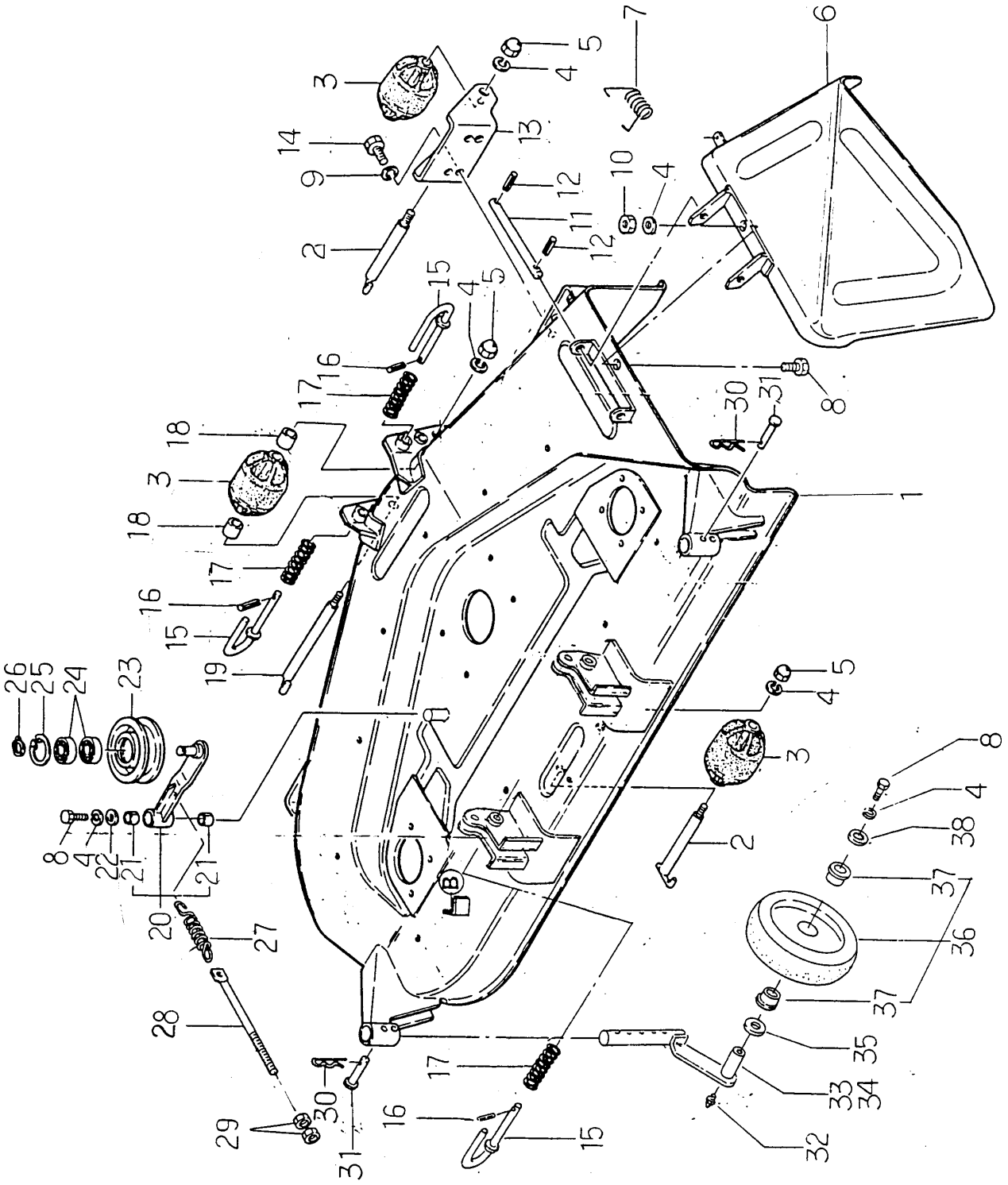
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S610460310	GEAR BOX	1	
2	S198430530	PLUG	1	
3	S610560570	STAY;L.H	1	
4	S610560580	STAY;R.H	1	
5	S010301220	BOLT	4	
6	S027100012	SPRING WASHER	8	
7	S010301240	BOLT	4	
8	S613270222	SHAFT	1	
9	S613310070	BEVEL GEAR	1	
10	S040106205	BALL BEARING	3	
11	S036500052	SNAP RING	3	
12	S050209037	OILSEAL	2	
13	S027100010	SPRING WASHER	8	
14	S010109897	BOLT	1	
15	S022200008	NUT	1	
16	S030102520	SPLIT PIN	1	
17	S031319827	PIN	1	
18	S026200008	WASHER	6	
19	S030102516	SPLIT PIN	1	
20	S613460290	SHAFT	1	
21	S610210490	BEARING CASE	1	
22	S025100010	SEAL WASHER	1	
23	S064600010	PLUG	1	
24	S630110580	PULLEY	1	
25	S040146208	BALL BEARING	1	
26	S499211550	COLLER	2	
27	S036100025	SNAP RING	1	
28	S040146207	BALL BEARING	2	
29	S040146206	BALL BEARING	3	
31	S034109043	KEY	3	
32	S499212010	SPACER	3	
33	S027100018	SPRING WASHER	3	
34	S499430882	BOLT	3	
35	S645310110	BLADE	3	
36	S610460320	GEAR BOX COVER	1	
37	S011500825	BOLT	4	
38	S610990160	GASKET	1	
39	S036100022	SNAP RING	1	
40	S040106207	BALL BEARING	1	
41	S613310060	BAVEL GEAR	1	
42	S499280290	SHIM	1	
43	S499280300	SHIM	1	
45	S630110590	PULLEY	2	
46	S610210501	SPINDLE CASE	2	
47	S613460300	SHAFT	2	
48	S025109003	SEAL WASHER	2	

* Not Illustrated



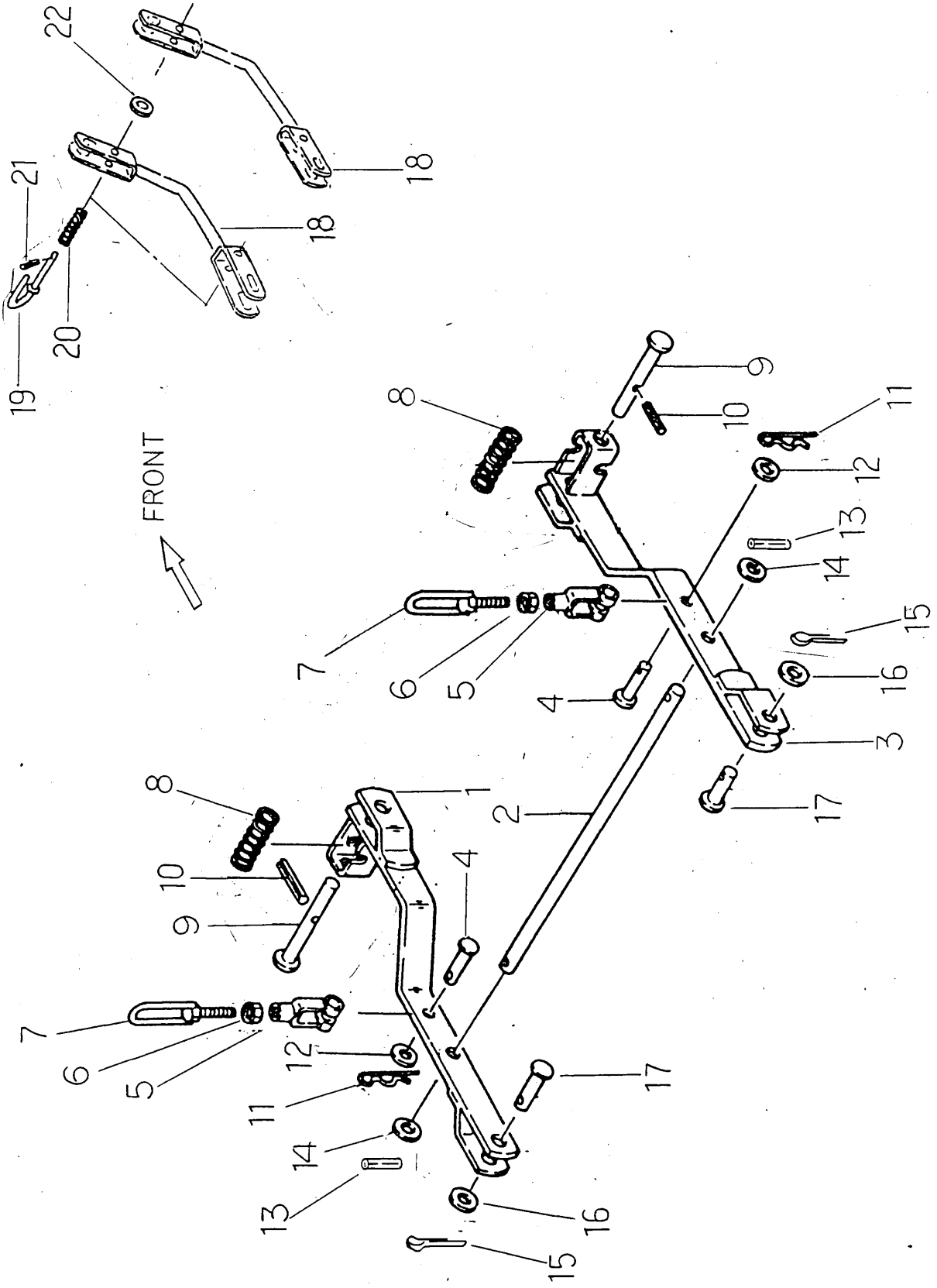
ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
49	S027109801	SPRING WASHER	2	
50	S020409801	NUT	2	
51	SE01010110	VENT	1	
52	S027100008	SPRING WASHER	2	
53	S010301025	BOLT	8	
54	S080520093	V-BELT	1	
55	S638300280	PLATE	1	
56	S010300816	BOLT	1	
57	S020900008	NUT	1	
58	S630250700	BELT COVER	1	
59	S630250690	BELT COVER	1	
60	S052100180	O-RING	1	
61	S010300812	BOLT	1	
62	S026100008	WASHER	13	
64	S498430160	PLUG	2	
65	S697760031	FELT	1	
66	S697760060	FELT	1	
67	S697760041	FELT	1	
68	S697760051	FELT	1	
69	S697760070	FELT	1	
70	S697600221	UNI-JOINT ASSY	1	
72	S697720010	JOINT KIT	2	
73	S036500020	SNAP RING	8	

* Not Illustrated



ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S638102660	DECK	1	
2	S650150020	SHAFT	3	
3	S652110080	ROLLER	4	
4	S027100008	SPRING WASHER	8	
5	S024509801	CAP NUT	4	
6	S638150760	COVER;DISCHARGE	1	
7	S498221250	SPRING	1	
8	S010300820	BOLT	4	
9	S027100010	SPRING WASHER	4	
10	S020900008	NUT	1	
11	S638370011	SHAFT	1	
12	S030300420	SPRING PIN	2	
13	S652260610	BRACKET	2	
14	S010301025	BOLT	4	
15	S642250011	PIN	6	
16	S030300435	SPRING PIN	4	
17	S498211360	SPRING	4	
18	S499234010	COLLAR	2	
19	S650150010	PIN	1	
20	S632020190	TENSION ARM	1	
21	S498510380	BUSH	2	
22	S499211560	SPACER	3	
23	S632260180	PULLEY	1	
24	S040146203	BALL BEARING	2	
25	S036500040	SNAP RING	1	
26	S036100017	SNAP RING	1	
27	S498222000	SPRNG	1	
28	S632320020	ROD	1	
29	S020600010	NUT	2	
30	S031109008	SNAP RING	2	
31	S031319827	PIN	2	
32	S060610000	GRESE NIPPLE	2	
33	S652250630	ARM;CASTER L.H	1	
34	S652250640	ARM;CASTER R.H	1	
35	S026200020	WASHER	2	
36	S652050010	GAUGE WHEEL ASSY	2	
37	S498510470	BUSH	4	
38	S499211560	SPACER	2	

* Not Illustrated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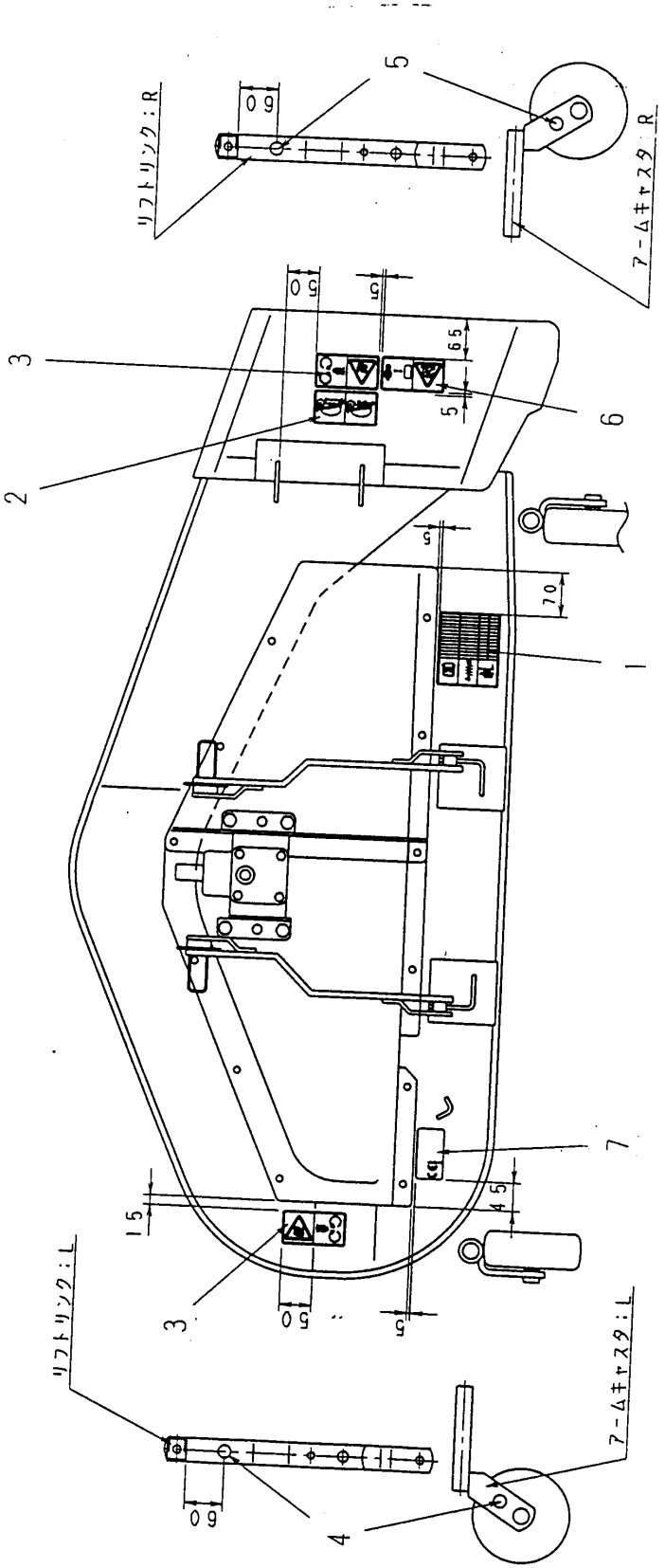
3UCA

ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S642500950	LINK, L.FR	1	
2	S642500960	LINK, R.FR	1	
3	S642560020	SHAFT	1	
4	S031311030	PIN, 10ü~30	2	
5	S642570020	BRACKET	2	
6	S021000012	NUT	2	
7	S642550300	ROD, LIFT	2	
8	S498211370	SPRING	2	
9	S642260020	PIN	2	
10	S030300540	PIN, SPRING	2	
11	S031109010	PIN, SNAP	2	
12	S026100010	WASHER	2	
13	S030300530	PIN, SPRING	1	
14	S026100016	WASHER	4	
15	S030103020	PIN, SPLIT	6	
16	S026200012	WASHER	6	
17	S031311240	PIN	6	
18	S642550500	ROD, LIFT	2	
19	S642550011	PIN	4	
20	S498211360	SPRING	4	
21	S030300435	PIN, SPRING	4	
22	S026100012	WASHER	2	

* Not Illustrated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リフトリンク：R
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アームキャスタ：L
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ITEM	RANSOMES PART NO	DESCRIPTION GB	QTY	REMARKS
1	S690260580	MARK	1	
2	S690360220	CAUTION PLATE	1	
3	S690360240	CAUTION PLATE	2	
4	S690270040	MARK; C-ARM LH	2	
5	S690270050	MARK; C-ARM RH	2	
6	S690360250	CAUTION PLATE	1	
7	S690160910	NAME PLATE	1	

* Not Illustrated

The following warning is for users of this product in California USA and is as required by proposition 65.

CALIFORNIA
Proposition 65 Warning
Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.